

State of California  
The Resources Agency

DEPARTMENT OF WATER RESOURCES  
Division of Operations and Maintenance

# STATE WATER PROJECT OPERATIONS DATA

For the month of:  
**October  
2007**

**Edmund G. Brown Jr.**  
Governor  
**State of California**

**John Laird**  
Secretary for Resources  
**The Resources Agency**

**Mark Cowin**  
Director  
**Department of Water Resources**

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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**JOHN LAIRD, Secretary for Resources**

Department of Water Resources  
**MARK COWIN, Director**

Department of Water Resources  
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The organization shown above represents staff and positions relevant to this report as of publication date on December 2011. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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## **MONTHLY HIGHLIGHTS**

The following highlights are activities or actions that impacted State Water Project operations during the month of October 2007. This month is the beginning of the new 2007-2008 water year. A "water year" is a 12-month period, just like a calendar year, except that a water year begins on October 1, and ends on September 30. The intent is to capture data that more fully represents a complete hydrologic cycle of winter and summer as opposed to providing statistical totals that only reflect partial extremes in operational activity.

Statewide precipitation was about 120 percent of average for the 2007 - 2008 water year through October 31. Statewide runoff was 90 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: "[http://cdec.water.ca.gov/snow\\_rain.html](http://cdec.water.ca.gov/snow_rain.html)".

Statewide reservoir storage was 85 percent of average to date for the 2007-2008 water year. Total storage in major SWP reservoirs at the end of October 2007 was about 2.52 maf, compared with about 4.32 maf at this time in 2006. On October 31, storage at Lake Oroville was about 1.45 maf as compared to 2.76 maf at this time in 2006. The State's share of San Luis Reservoir storage was about 483 taf, as compared with 1.02 maf at this time in 2006. The combined storage in SWP's southern reservoirs was about 594 taf, compared with about 541 taf at this time in 2006.

Snowpack and runoff data is not available this month. This data is compiled four times a year, for the months of January, February, March, and April by the California Department of Water Resources in Bulletin 120. The Bulletin also contains forecasts of the volume of seasonal runoff from the state's major watersheds, and summaries of precipitation, reservoir storages in various regions of the State.

SWP water deliveries for October 2007 were about 228 taf. This is a combination of project, transfer, and exchange waters. Total deliveries for the year through October was about 3.93 maf, this is about 430 taf less than that delivered during the same period in 2006.

The Coordinated Operations Agreement (COA) remained in "Balanced" conditions throughout the month of October 2007. The end-of-month accumulated USBR-COA balance was 54,849 cfs, reflecting a surplus in USBR storage withdrawals available to meet the USBR's share of Sacramento Valley In-Basin Use.

On October 8, at 0730 hours, Delta Field Division notified Project Operations Control that the Skinner Fish Facility was out of operation due to a new building crane being out of service and could not perform fish counts. Because of a broken effluent pump, facility was limited to 3390 cfs. POC shut down pumps at Banks to achieve requested 3390 cfs. The field division notified Department of Fish and Game. Plant electricians repaired the new building crane at 0805 hrs. Banks plant was back on schedule at 0900 hours.

On October 10, South Bay plant was forced out of service for two hours at the request of PG&E who reported they had a pole fire on the Herdlyn-Vasco 60 kv Line.

On October 30, at 2007 hrs, an earthquake occurred near San Jose, (Magnitude 5.6) Epicenter 37.25.2 N, 121.47.6 W. Operations personnel at Delta FD and San Luis FD reported feeling after-shocks. Earthquake Inspection Criteria required the inspection of the following DWR facilities:

- Checks 1-13 of the California Aqueduct
- Checks 1-7 and the South Bay Aqueduct
- All South Bay pumping plants
- Clifton Court, Bethany Reservoir, Del Valle Dam and Pumping Plant, Banks Pumping Plant, Dos Amigos Pumping Plant, La Costa Tunnel (east & west portal), Los Banos Detention Dam, Mission Tunnel (east & west portal), NB Terminal Tank, O'Neill Pumping Plant and Forebay Dam
- Patterson reservoir, Ramero Visitors Center, San Luis Dam and pumping plant, Santa Clara Terminal, Travis Tank and Tunnel Island.

On October 31, at 0021 hrs, SLFD reported they had completed a full post-earthquake inspection of their field division's facilities, aqueduct, reservoirs and dams. The only item they reported was some plaster that fell off the wall in one of the Dos Amigos plant turbine pits.

**Table 1. Antelope Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right				
Sep 30	4993.95	15,780								
1	4993.91	15,750	-30	20	0	0	0	4	24	
2	4993.85	15,705	-45	20	0	0	0	4	24	
3	4993.78	15,652	-53	20	0	0	0	4	24	
4	4993.72	15,607	-45	20	0	0	0	4	24	
5	4993.66	15,562	-45	20	0	0	0	4	24	
6	4993.62	15,533	-29	20	0	0	0	4	24	
7	4993.54	15,473	-60	20	0	0	0	4	24	
8	4993.46	15,413	-60	20	0	0	0	4	24	
9	4993.40	15,369	-44	20	0	0	0	4	24	
10	4993.36	15,339	-30	20	0	0	0	4	24	
11	4993.30	15,295	-44	20	0	0	0	3	23	
12	4993.24	15,250	-45	20	0	0	0	3	23	
13	4993.17	15,199	-51	20	0	0	0	3	23	
14	4993.11	15,155	-44	20	0	0	0	3	23	
15	4992.99	15,066	-89	20	0	0	0	3	23	
16	4992.95	15,037	-29	20	0	0	0	3	23	
17	4993.89	14,993	-44	20	0	0	0	3	23	
18	4992.89	14,993	0	20	0	0	0	3	23	
19	4992.90	15,000	7	20	0	0	0	3	23	
20	4992.85	14,964	-36	20	0	0	0	3	23	
21	4992.80	14,928	-36	20	0	0	0	3	23	
22	4992.75	14,891	-37	20	0	0	0	3	23	
23	4992.68	14,840	-51	20	0	0	0	3	23	
24	4992.62	14,797	-43	20	0	0	0	3	23	
25	4992.57	14,760	-37	20	0	0	0	3	23	
26	4992.51	14,717	-43	20	0	0	0	3	23	
27	4992.45	14,674	-43	20	0	0	0	3	23	
28	4992.41	14,645	-29	20	0	0	0	3	23	
29	4992.33	14,587	-58	20	0	0	0	3	23	
30	4992.31	14,573	-14	20	0	0	0	3	23	
31	4992.25	14,530	-43	20	0	0	0	3	23	
Total cfs-days				---	620	0	0	103	723	
Total ac-ft				-1,250	1,230	0	0	205	1,435	
									93	
									185	

**Table 2. Frenchman Lake**

Daily Operation  
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract 1/	Water Right				
Sep 30	5570.70	31,038								
1	5569.69	31,028	-10	1	8	0	0	5	14	
2	5569.66	30,995	-33	1	8	0	0	5	14	
3	5569.63	30,962	-33	2	3	0	0	5	10	
4	5569.61	30,940	-22	2	3	0	0	5	10	
5	5569.65	30,984	44	2	3	0	0	5	10	
6	5569.63	30,962	-22	2	3	0	0	5	10	
7	5569.62	30,951	-11	2	3	0	0	5	10	
8	5569.61	30,940	-11	2	3	0	0	5	10	
9	5569.57	30,896	-44	2	3	0	0	5	10	
10	5569.56	30,885	-11	2	3	0	0	5	10	
11	5569.56	30,885	0	2	3	0	0	5	10	
12	5569.55	30,874	-11	2	3	0	0	5	10	
13	5569.54	30,863	-11	2	3	0	0	5	10	
14	5569.53	30,852	-11	2	3	0	0	5	10	
15	5569.51	30,820	-32	2	3	0	0	5	10	
16	5569.50	30,831	11	2	3	0	0	5	10	
17	5569.51	30,820	-11	2	3	0	0	5	10	
18	5569.50	30,820	0	2	3	0	0	5	10	
19	5569.51	30,831	11	2	3	0	0	5	10	
20	5569.50	30,820	-11	2	3	0	0	5	10	
21	5569.49	30,809	-11	2	3	0	0	5	10	
22	5569.48	30,798	-11	2	2	0	0	5	9	
23	5569.47	30,789	-9	2	4	0	0	5	11	
24	5569.45	30,765	-24	2	6	0	0	5	13	
25	5569.41	30,722	-43	2	6	0	0	5	13	
26	5569.38	30,689	-33	2	6	0	0	5	13	
27	5569.37	30,678	-11	2	6	0	0	5	13	
28	5569.35	30,656	-22	2	6	0	0	5	13	
29	5569.41	30,722	66	2	4	0	0	5	11	
30	5569.40	30,711	-11	2	2	0	0	5	9	
31	5569.39	30,700	-11	2	2	0	0	4	3	
Total cfs-days				---	60	117	0	0	160	
Total ac-ft				-338	119	232	0	0	318	

1/ Last Chance Creek Water District

**Table 3. Lake Davis**

Daily Operation  
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs					Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage		
				Stream-flow Maint.	Water Supply Contract	Water Right 1/				
Sep 30	5762.31	41,637								
1	5762.35	41,745	108	0	0	0	0	13	13	
2	5762.32	41,664	-81	0	0	0	0	13	13	
3	5762.30	41,610	-54	0	0	0	0	13	13	
4	5762.31	41,637	27	0	0	0	0	13	13	
5	5762.39	41,853	216	0	0	0	0	13	13	
6	5762.38	41,826	-27	0	0	0	0	13	13	
7	5762.37	41,799	-27	0	0	0	0	13	13	
8	5762.36	41,772	-27	0	0	0	0	13	13	
9	5762.33	41,691	-81	0	0	0	0	13	13	
10	5762.36	41,772	81	0	0	0	0	12	12	
11	5762.36	41,772	0	0	0	0	0	12	12	
12	5762.35	41,745	-27	0	0	0	0	12	12	
13	5762.35	41,745	0	0	0	0	0	12	12	
14	5762.32	41,664	-81	0	0	0	0	12	12	
15	5762.31	41,637	-27	0	0	0	0	12	12	
16	5762.33	41,691	54	0	0	0	0	12	12	
17	5762.34	41,718	27	0	0	0	0	12	12	
18	5762.30	41,610	-108	0	0	0	0	12	12	
19	5762.37	41,799	189	0	0	0	0	12	12	
20	5762.40	41,880	81	0	0	0	0	12	12	
21	5762.37	41,799	-81	0	0	0	0	12	12	
22	5762.37	41,799	0	0	0	0	0	12	12	
23	5762.36	41,772	-27	0	0	0	0	12	12	
24	5762.36	41,772	0	0	0	0	0	12	12	
25	5763.34	41,718	-54	0	0	0	0	12	12	
26	5762.34	41,718	0	0	0	0	0	12	12	
27	5762.33	41,691	-27	0	0	0	0	12	12	
28	5762.32	41,664	-27	0	0	0	0	12	12	
29	5762.33	41,691	27	0	0	0	0	12	12	
30	5762.36	41,772	81	0	0	0	0	12	12	
31	5762.36	41,772	0	0	0	0	0	12	12	
Total cfs-days				---	0	0	0	381	381	
Total ac-ft				135	0	0	0	756	756	
									891	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

**Table 4. Lake Oroville**

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow							Inflow		
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Lime Saddle Marina	Butte County Del Oro	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/	
Sep 30	737.99	1,568,136											
1	737.62	1,564,847	-3,289	7,155	28	0	0	102	0	7,285	0	3,996	
2	736.98	1,559,169	-5,678	7,671	24	0	0	146	0	7,841	0	2,163	
3	736.58	1,555,628	-3,541	7,154	24	0	0	121	0	7,299	0	3,758	
4	736.22	1,552,446	-3,182	7,857	24	0	0	140	0	8,021	0	4,839	
5	735.44	1,545,567	-6,879	11,041	24	0	0	88	0	11,153	0	4,274	
6	734.85	1,540,378	-5,189	7,657	24	0	0	88	0	7,769	0	2,580	
7	734.37	1,536,165	-4,213	7,693	24	0	0	125	0	7,842	0	3,629	
8	733.67	1,530,036	-6,129	9,498	22	0	0	132	0	9,652	0	3,523	
9	733.22	1,526,105	-3,931	7,200	20	0	0	107	0	7,327	0	3,396	
10	732.65	1,521,136	-4,969	9,885	14	0	0	125	0	10,024	0	5,055	
11	732.39	1,518,873	-2,263	7,428	12	0	0	75	0	7,515	0	5,252	
12	732.05	1,515,917	-2,956	6,067	12	0	0	75	0	6,154	0	3,198	
13	731.76	1,513,399	-2,518	6,918	12	0	0	19	0	6,949	0	4,431	
14	731.44	1,510,623	-2,776	5,651	12	0	0	43	0	5,706	0	2,930	
15	730.55	1,502,920	-7,703	10,820	12	0	0	50	0	10,882	0	3,179	
16	729.87	1,497,054	-5,866	11,481	12	0	0	43	0	11,536	0	5,670	
17	729.36	1,492,665	-4,389	7,599	9	0	0	6	0	7,614	0	3,225	
18	728.95	1,489,143	-3,522	6,963	7	0	0	74	0	7,044	0	3,522	
19	728.48	1,485,112	-4,031	9,142	7	0	0	37	0	9,186	0	5,155	
20	728.69	1,486,912	1,800	5,387	7	0	0	37	0	5,431	0	7,231	
21	728.43	1,484,648	-2,264	4,862	7	0	0	74	0	4,943	0	2,679	
22	727.85	1,479,722	-4,926	8,468	7	0	0	116	0	8,591	0	3,665	
23	727.61	1,477,672	-2,050	6,588	7	0	0	153	0	6,748	0	4,698	
24	727.40	1,475,880	-1,792	5,150	10	0	0	110	0	5,270	0	3,478	
25	726.73	1,470,172	-5,708	7,959	11	0	0	91	0	8,061	0	2,353	
26	725.99	1,463,887	-6,285	9,968	12	0	0	104	0	10,084	0	3,799	
27	725.85	1,462,699	-1,188	4,404	12	0	0	91	0	4,507	0	3,319	
28	725.99	1,463,887	1,188	2,738	12	0	0	121	0	2,871	0	4,059	
29	725.56	1,460,243	-3,644	6,499	12	0	1	91	0	6,603	0	2,959	
30	724.90	1,454,662	-5,581	8,252	12	0	1	30	0	8,295	0	2,714	
31	723.92	1,446,402	-8,260	9,851	12	1	1	30	0	9,895	0	1,635	
<b>Total</b>				<b>-121,734</b>	<b>235,006</b>	<b>442</b>	<b>1</b>	<b>3</b>	<b>2,644</b>	<b>0</b>	<b>238,096</b>	<b>0</b>	<b>116,362</b>

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay  
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation  
(in acre-feet except as noted)

**October 2007**

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County Cal Water	Thermalito Irrigation District	Releases To River 4/	Hyatt Powerplant Pumpback	
Sep 30	23,573										
1	23,971	398	7,155	506	0	5,767	0	4	1,307	0	-185
2	24,154	183	7,671	506	0	6,540	0	5	1,309	0	-140
3	23,903	-251	7,154	461	0	6,396	0	5	1,309	0	-156
4	24,118	215	7,857	509	0	6,466	0	5	1,309	0	-371
5	23,925	-193	11,041	509	0	10,110	0	5	1,309	0	-319
6	23,908	-17	7,657	509	0	6,640	0	5	1,307	0	-231
7	24,389	481	7,693	504	0	6,132	0	5	1,309	0	-270
8	23,802	-587	9,498	462	0	9,010	0	5	1,309	0	-223
9	23,997	195	7,200	505	0	6,026	0	5	1,309	0	-170
10	24,167	170	9,885	505	0	8,754	0	5	1,319	0	-142
11	23,523	-644	7,428	469	0	7,066	0	5	1,331	0	-139
12	23,824	301	6,067	423	0	4,591	0	5	1,299	0	-294
13	24,064	240	6,918	440	0	5,566	0	5	1,285	0	-262
14	23,858	-206	5,651	411	0	4,780	0	5	1,287	0	-196
15	23,867	9	10,820	460	0	9,784	0	5	1,287	0	-195
16	23,723	-144	11,481	509	0	10,620	0	5	1,287	0	-222
17	23,838	115	7,599	501	0	6,534	0	5	1,287	0	-159
18	24,249	411	6,963	506	0	5,602	0	5	1,287	0	-164
19	23,914	-335	9,142	506	0	8,360	0	5	1,289	0	-329
20	23,160	-754	5,387	504	0	5,214	0	5	1,285	0	-141
21	23,420	260	4,862	504	0	3,732	0	5	1,281	0	-88
22	23,818	398	8,468	504	0	7,078	0	5	1,285	0	-206
23	23,472	-346	6,588	332	0	5,884	0	5	1,285	0	-92
24	23,472	0	5,150	363	0	3,784	0	5	1,285	0	-439
25	24,474	1,002	7,959	241	0	5,766	0	5	1,287	0	-140
26	23,689	-785	9,968	503	0	9,670	0	5	1,297	0	-284
27	24,161	472	4,404	499	0	2,662	0	5	1,285	0	-479
28	23,735	-426	2,738	426	0	2,194	0	5	1,287	0	-104
29	23,847	112	6,499	140	0	5,434	0	5	1,285	0	197
30	23,721	-126	8,252	36	0	7,458	0	5	1,291	0	340
31	23,647	-74	9,851	36	0	9,210	0	5	1,287	0	541
Total		74	235,006	13,289	0	202,830	0	154	40,175	0	-5,062

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

**Table 6. Thermalito Afterbay**

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Sep 30	130.47	33,731										
1	130.17	32,719	-1,012	5,767	870	0	30	131	5,752	0	4	7,059
2	130.18	32,752	33	6,540	859	0	58	160	5,752	0	322	7,061
3	130.03	32,251	-501	6,396	895	0	65	313	5,752	0	128	7,061
4	129.89	31,787	-464	6,466	1,000	0	65	371	5,752	0	258	7,061
5	130.88	35,139	3,352	10,110	992	0	67	393	5,752	0	446	7,061
6	130.80	34,862	-277	6,640	1,000	0	67	410	5,752	0	312	7,059
7	130.50	33,833	-1,029	6,132	980	0	67	413	5,752	0	51	7,061
8	131.05	35,730	1,897	9,010	1,012	0	100	430	5,752	0	181	7,061
9	130.68	34,449	-1,281	6,026	1,023	0	307	480	5,752	0	255	7,061
10	131.08	35,835	1,386	8,754	1,073	0	428	512	5,752	0	397	7,071
11	130.92	35,277	-558	7,066	1,090	0	460	530	5,752	0	208	7,083
12	130.14	32,618	-2,659	4,591	1,125	0	508	639	5,197	0	219	6,496
13	129.77	31,391	-1,227	5,566	1,164	0	520	696	4,423	0	10	5,708
14	129.39	30,154	-1,237	4,780	1,164	0	520	710	3,888	0	265	5,175
15	130.48	33,765	3,611	9,784	1,190	0	474	778	3,650	0	-81	4,937
16	131.72	38,106	4,341	10,620	1,196	0	426	998	3,669	0	10	4,956
17	131.80	38,394	288	6,534	1,194	0	403	1,085	3,650	0	86	4,937
18	131.62	37,747	-647	5,602	1,186	0	486	1,109	3,650	0	182	4,937
19	132.14	39,631	1,884	8,360	1,150	0	526	1,113	3,650	0	-37	4,939
20	131.86	38,611	-1,020	5,214	1,135	0	504	1,095	3,650	0	150	4,935
21	131.04	35,695	-2,916	3,732	1,131	0	492	1,029	3,650	0	-346	4,931
22	131.31	36,643	948	7,078	1,125	0	470	1,039	3,650	0	154	4,935
23	131.20	36,256	-387	5,884	1,061	0	397	1,146	3,650	0	-17	4,935
24	130.53	33,936	-2,320	3,784	1,023	0	369	1,182	3,650	0	120	4,935
25	130.38	33,426	-510	5,766	1,100	0	460	1,148	3,650	0	82	4,937
26	131.36	36,820	3,394	9,670	1,160	0	428	1,192	3,650	0	154	4,947
27	130.29	33,122	-3,698	2,662	1,176	0	409	1,254	3,650	0	129	4,935
28	128.92	28,657	-4,465	2,194	1,170	0	409	1,252	3,650	0	-178	4,937
29	128.47	27,257	-1,400	5,434	1,210	0	426	1,468	3,650	0	-80	4,935
30	128.62	27,720	463	7,458	1,230	0	415	1,674	3,650	0	-26	4,941
31	129.29	29,833	2,113	9,210	1,170	0	478	1,700	3,650	0	-99	4,937
Total		-3,898		202,830	33,854	0	10,834	26,450	138,849	0	3,259	179,024

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

**Table 7. Oroville-Thermalito Complex**

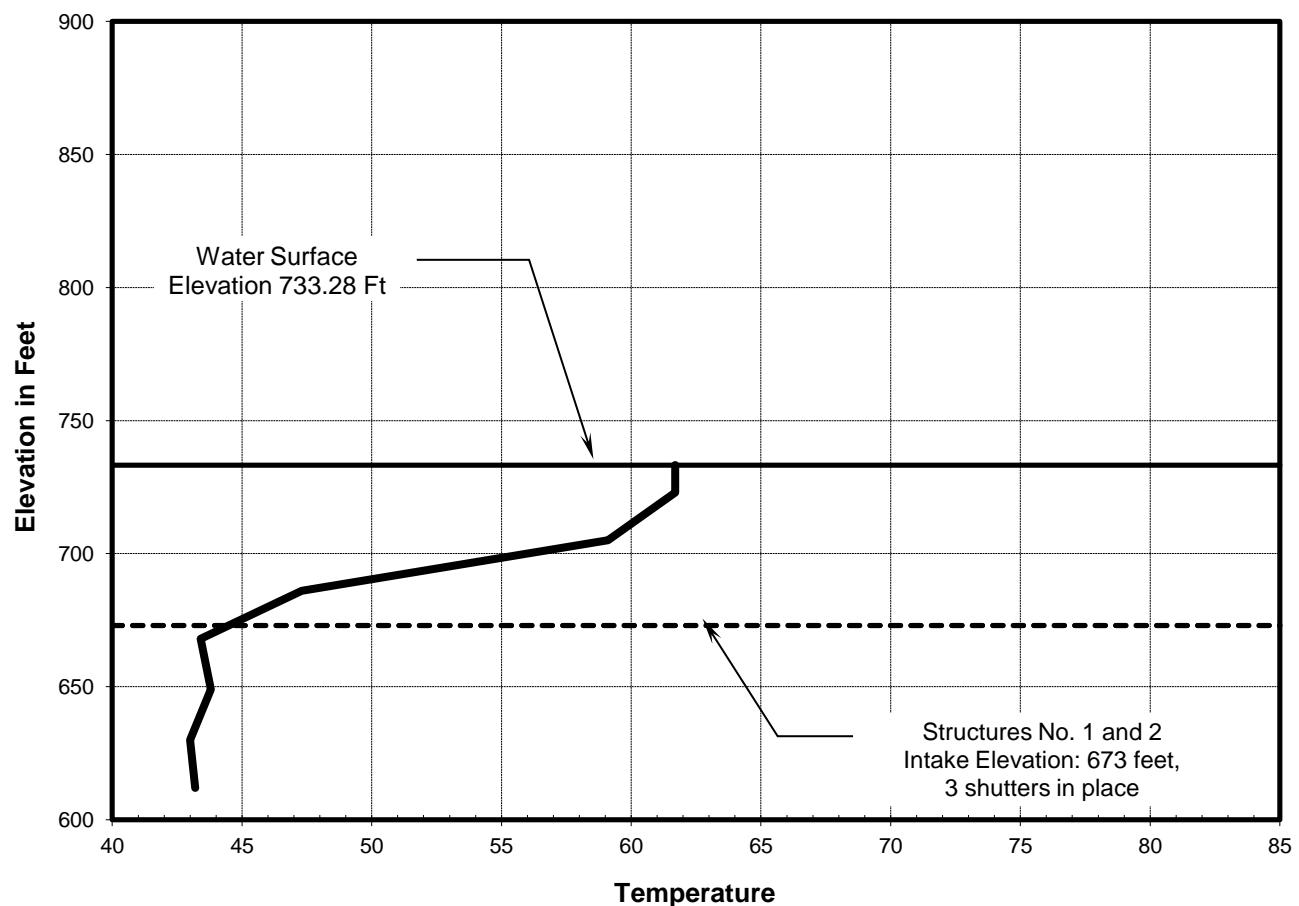
Water Temperature Data

(in degrees Fahrenheit)

**October 2007**

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	60	51
2	60	52
3	60	53
4	59	53
5	58	54
6	57	54
7	57	55
8	57	54
9	57	54
10	57	54
11	57	53
12	57	54
13	57	54
14	58	54
15	58	54
16	57	52
17	56	52
18	56	52
19	57	52
20	57	50
21	56	51
22	55	53
23	56	53
24	57	53
25	57	53
26	57	53
27	57	52
28	57	53
29	57	52
30	57	52
31	57	52

**Lake Oroville Temperature Profile  
on October 10, 2007**



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

**Table 8. North Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**October 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries				
	Beginning and Ending		Structure			Table A		Permit	Settlement	
	No.	Structure	Mile	M & I		Benicia				
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	4,676	1/ 10	1,596	142	252	
		Travis Surge Tank	8.78							
			8.80	Solano County Water Agency Travis AFB	142					
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	252					
				Solano County Water Agency Fairfield / Vacaville 42"	937					
			17.00	Solano County Water Agency Central Solano	Stub					
3A	2	Cordelia Forebay	21.23			5	316	288	1,013	
		Cordelia Pumping Plant & Cordelia Spillway	21.30		3,228					
		Napa Pipeline	21.33	Solano County Water Agency Vallejo	1,606					
				Solano County Water Agency Benicia	1,013					
		Cordelia Surge Tank	23.33							
		Creston Surge Tank Connection	25.65							
3B	2		26.95	Napa County Flood Control & WCD American Canyon 2	5	316	288			
			27.27	Napa County Flood Control & WCD American Canyon 3	0					
		Napa Terminal Tank	27.58	City of Napa	316					
			27.60	Napa County Flood Control & WCD American Canyon 1	288					

1/ Napa Co. FC&WCD Entitlement through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon.

**Table 9. Delta Field Division Plant Data**

(in acre-feet)

**October 2007**

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	151	126	10,146	10,146	381	0	0	220
2	108	99	9,136	9,136	366	0	0	225
3	131	128	8,215	8,215	366	0	0	225
4	157	111	6,493	6,493	204	0	0	227
5	186	110	6,805	6,805	366	0	0	232
6	188	116	5,697	5,697	366	0	0	232
7	149	119	6,475	6,475	366	0	0	120
8	134	122	6,465	6,465	366	0	0	118
9	120	106	5,676	5,676	366	0	0	57
10	115	105	5,736	5,736	261	0	0	142
11	116	104	5,739	5,739	366	0	0	100
12	94	83	6,860	6,860	279	0	0	126
13	85	75	4,907	4,907	273	0	0	144
14	124	100	8,338	8,338	274	0	0	159
15	158	106	8,288	8,288	306	0	0	151
16	128	78	6,767	6,767	364	0	0	23
17	124	77	5,398	5,398	354	0	0	6
18	127	75	6,476	6,476	362	0	0	0
19	137	81	6,550	6,550	345	0	0	0
20	142	92	5,687	5,687	349	0	0	0
21	107	57	6,085	6,085	394	0	0	0
22	145	93	6,082	6,082	426	0	0	0
23	163	105	5,574	5,574	418	0	0	0
24	181	108	4,807	4,807	441	0	0	0
25	194	126	4,834	4,834	405	0	0	0
26	205	126	4,740	4,740	478	0	0	0
27	200	123	4,748	4,748	492	0	0	0
28	189	111	5,008	4,116	490	0	0	0
29	210	119	5,070	3,464	485	0	0	0
30	211	124	3,682	2,076	477	0	0	0
31	197	123	5,596	3,990	426	0	0	12
Total	4,676	3,228	192,080	186,370	11,612	0	0	2,519

**Table 10. Clifton Court Forebay**

Daily Operation of Gates

October 2007

Date	Time								Amount of inflow in Acre-Feet
	Opened	Closed	Opened	Closed	Opened	Closed	Opened	Closed	
1		4:00	7:30	15:45	17:55	20:15			8,919
2	0:01	5:30	8:30	17:27					8,913
3	0:02	5:20	9:45	15:15					7,924
4	1:30	8:00	11:00	15:15					6,938
5	2:30	9:14	12:15	17:45					6,939
6	0:01	1:30	3:45	9:25	13:00	18:00			5,933
7	0:02	2:30	4:45	8:42	14:28	17:25			5,946
8	0:01	3:15	5:45	10:25	14:30	16:20			5,941
9	0:01	4:00	6:30	11:50	14:02	16:00			5,934
10	0:01	0:30	3:30	9:00					5,931
11	4:15	11:30	15:30	17:00	19:45	22:00			6,939
12	4:50	12:45	15:30	17:30					6,915
13	0:01	2:00	5:15	12:46	16:36	18:00	20:30		6,921
14		3:00	6:00	13:15	15:57	18:30	21:00		6,937
15		3:30	6:30	14:49	16:14	18:20			6,939
16	0:01	4:15	7:15	11:25					5,942
17	0:01	5:00	8:00	12:01					5,924
18	0:01	6:15	9:15	15:10					6,921
19	1:45	5:48	10:16	17:05					6,927
20	1:30	8:15	11:15	15:05					5,924
21	0:01	1:00	2:45	7:30	13:30	19:15			5,913
22	0:20	1:45	3:45	8:00	14:00	18:30			5,931
23	0:30	2:30	5:30	6:45	13:15	18:00			4,954
24	6:00	15:15	18:15	20:15					4,955
25	3:00	9:55							4,948
26	3:45	11:00							4,949
27	0:01	1:30	4:30	10:05					3,952
28	0:01	2:30	5:30	8:05					3,955
29	0:01	2:15	5:15	8:00	8:45	10:00			4,953
30	0:01	3:15	6:15	10:00					4,955
31	0:01	4:15	7:15	13:47					5,932
Total inflow for the month in AF:									191,004

**Table 11. Governor Edmund G. Brown California Aqueduct**

Delta Field Division, Monthly Deliveries

(In acre-feet)

**October 2007**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	USBR	Local	Pool A	Local Other	
	No.	Structure	Mile							
			1.83	Byron-Bethany I.D.	560				560	
1	1	Banks Pumping Plant	3.32		192,080	36	62	51	76	
		South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	11,612					
		Check No. 1	5.95							
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	36					
	2	Check No. 2	12.01							
			12.47	Musco Olive	62					
	3	Check No. 3	18.29							
			22.16	Tracy Golf & Country Club	0					
2A	4	Check No. 4	23.99							
		Check No. 5	29.73							
	6	Check No. 6	34.24							
			35.22	Turlock Fruit Company Inflow	0					
	7	Check No. 7	39.91							
			42.46	Oak Flat Water District-A	51					
	8		42.9	Western Hills WD	76					
			43.81	Oak Flat Water District-B	0					
			44.64	Oak Flat Water District-C	0					
		Check No. 8	45.97							
2B	9		46.18	Oak Flat Water District-D	15					
				Oak Flat Totals:	66	66	0	0	0	
	10	Check No. 9	51.3							
		Check No. 10	56.86							
	11	Check No. 11	61.4							
			66.14	Veteran's Cemetery	13					
	12	Check No. 12	66.71		181,887					

**Table 12. South Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

**October 2007**

(In acre-feet)

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Local	Recovery 1/	Transfer	Rec.	
	No.	Structure	Mile								
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	11,612	2	5	1,110	43	32	
			3.17	Granite - Vasco Rd. (Temp.)	0						
			3.18	Oakland Scavenger Zone 7	2						
		Check No. 1	3.91								
	2	Check No. 2	5.21			5	32	5	13	13	
			7.21	Zone 7 Water Agency Altamont	5						
		Check No. 3	9.49	Zone 7 Water Agency Patterson Inflow Exchange Project Water	0						
2	3	Check No. 4	10.68			43	29	134	328	32	
		Check No. 5	12.29								
			13.55	Zone 7 Water Agency Wente #1	43						
			14.16	Zone 7 Water Agency Wente #2	32						
			14.31	Zone 7 Water Agency Ising	5						
	4	Check No. 6	14.65			6	51	847	1,430	1,000	
			14.78	Zone 7 Water Agency Arroyo Mocho Project Water	0						
	5	Check No. 7	16.38			328	50	210	2,057	3,100	
			16.57	Zone 7 Water Agency Wente #3	0						
			16.63	Zone 7 Water Agency Wente #4	29						
			16.69	Zone 7 Water Agency Norman Nursery	0						
			16.70	Zone 7 Water Agency Concannon Project Water	6						
		Del Valle Branch Pipeline Junction	18.63	Pumped into Lake Del Valle	0						
				Pumped into South Bay Aqueduct	0						
				Gravity into South Bay Aqueduct	2,519						
		Deliveries through Del Valle Branch Pipeline		Zone 7 Water Agency Arroyo Valle #1 & #2 Inflow Exchange Project Water	134						
				East Bay Regional Park Dist. Del Valle Recreation	13						
				Zone 7 Water Agency Wente #5	51						
	6		19.20	Zone 7 Water Agency So. Livermore Project Inflow Release Project Water	0						
			19.21	Zone 7 Water Agency Kalthrof Detiens	50						
7	La Costa Tunnel	22.50		ACWD Vallecitos Project Water	847	3,646	13	3,100	210	847	
		25.97		City of San Francisco San Antonio	0						
	Mission Tunnel	28.97		ACWD - Bayside 1 & 2 Project Water Storage Exchange	2,267						
		35.86		S.C.V.W.D. Meter	6,746						

1/ Semitropic water bank recovery.

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

October 2007

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Sep 30	692.19	32,724									
1	691.86	32,519	-205	22	0	0	220	1	6	227	0.00
2	691.52	32,309	-210	27	0	0	225	1	11	237	0.00
3	691.20	32,112	-197	41	0	0	225	1	11	237	0.00
4	690.85	31,898	-214	21	0	0	227	1	7	235	0.00
5	690.52	31,697	-201	37	0	0	232	1	6	239	0.00
6	690.18	31,490	-206	33	0	0	232	1	6	239	0.00
7	689.84	31,285	-205	-76	0	0	120	1	8	129	0.00
8	689.49	31,074	-210	-83	0	0	118	1	9	128	0.00
9	689.21	30,907	-168	-100	0	0	57	1	9	67	0.00
10	689.03	30,799	-107	42	0	0	142	1	6	149	0.39
11	688.89	30,716	-83	22	0	0	100	1	4	105	0.00
12	688.74	30,627	-89	44	0	0	126	1	6	133	0.10
13	688.52	30,497	-130	15	0	0	144	1	0	145	0.60
14	688.30	30,367	-130	34	0	0	159	0	5	164	0.00
15	688.08	30,237	-130	27	0	0	151	0	6	157	0.00
16	688.04	30,214	-24	3	0	0	23	0	3	26	0.02
17	688.01	30,196	-18	-9	0	0	6	0	3	9	0.00
18	688.01	30,196	0	5	0	0	0	0	5	5	0.03
19	688.01	30,196	0	4	0	0	0	0	4	4	0.00
20	688.01	30,196	0	5	0	0	0	0	5	5	0.08
21	687.99	30,184	-12	-5	0	0	0	0	6	6	0.00
22	687.98	30,179	-6	3	0	0	0	0	8	8	0.00
23	687.99	30,184	6	15	0	0	0	0	9	9	0.00
24	687.98	30,179	-6	2	0	0	0	0	8	8	0.00
25	687.96	30,167	-12	-2	0	0	0	0	9	9	0.00
26	687.95	30,161	-6	0	0	0	0	0	6	6	0.00
27	687.94	30,155	-6	-2	0	0	0	0	3	3	0.00
28	687.94	30,155	0	5	0	0	0	0	5	5	0.00
29	687.94	30,155	0	5	0	0	0	0	5	5	0.00
30	687.92	30,143	-12	-7	0	0	0	0	5	5	0.02
31	687.91	30,137	-6	9	0	0	12	0	3	15	0.00
Total		-2,587	134	0	0	0	2,519	13	189	2,721	1.24

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

**Table 14. Consolidated State-Federal O'Neill Forebay**

Daily Operations

October 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliveries 2/	
Sep 30	222.01	48,411										
1	222.90	50,779	2,368	0	1,960	0	4,834	0	3,205	2,574	2	181
2	224.04	53,834	3,055	0	1,996	0	4,434	0	2,459	2,500	2	71
3	223.14	51,420	-2,414	0	2,116	0	3,849	56	4,251	2,923	2	50
4	222.83	50,593	-827	0	1,892	0	3,303	0	3,244	2,660	1	293
5	222.80	50,513	-80	0	1,724	0	3,178	0	2,541	2,609	1	209
6	222.80	50,513	0	0	1,819	0	3,017	0	2,416	2,695	1	276
7	221.66	47,493	-3,020	0	2,018	0	3,277	0	4,172	2,546	1	-99
8	222.39	49,421	1,928	0	2,066	0	2,994	0	1,543	2,510	1	-34
9	222.75	50,379	958	0	2,073	0	2,680	0	1,543	2,688	1	-38
10	222.80	50,513	134	0	2,116	0	2,810	0	2,093	2,672	6	-87
11	222.32	49,235	-1,278	0	2,122	0	2,585	0	2,810	2,480	1	-60
12	222.81	50,539	1,304	0	2,130	0	3,062	0	2,273	2,265	1	4
13	222.35	49,314	-1,225	0	2,148	0	2,207	0	2,625	2,273	1	-74
14	222.44	49,554	240	0	2,204	0	4,156	0	3,704	2,542	1	8
15	223.22	51,634	2,080	0	2,386	0	4,128	0	3,156	2,173	1	-135
16	223.35	51,982	348	0	2,644	0	3,326	0	3,741	1,878	1	-175
17	222.97	50,966	-1,016	0	2,746	0	2,863	0	4,359	1,525	6	-231
18	223.62	52,705	1,739	0	2,724	0	3,162	0	2,810	2,142	1	-56
19	223.52	52,437	-268	0	2,672	0	2,893	0	3,372	2,116	1	-211
20	222.46	49,607	-2,830	0	2,763	0	2,893	0	5,674	1,509	1	101
21	221.22	46,337	-3,270	0	2,799	0	2,966	0	5,330	1,646	1	-437
22	222.60	49,980	3,643	0	2,777	0	2,913	0	2,081	1,581	1	-190
23	222.85	50,646	666	0	2,866	0	2,702	0	3,839	1,477	1	85
24	222.88	50,726	80	0	2,883	0	2,287	0	3,640	1,431	6	-53
25	222.66	50,139	-587	0	2,840	0	2,540	0	3,719	1,663	7	-287
26	222.22	48,969	-1,170	0	2,736	0	2,092	0	3,524	1,966	7	79
27	222.31	49,208	239	0	2,735	0	2,066	0	2,633	1,901	7	-140
28	220.89	45,472	-3,736	0	2,769	0	2,001	0	3,126	3,518	7	-3
29	221.83	47,940	2,468	0	2,684	0	2,454	0	1,904	1,829	7	-154
30	221.49	47,046	-894	0	2,762	0	1,687	0	3,370	1,568	7	45
31	221.19	46,259	-787	0	2,962	0	2,340	0	2,241	1,993	8	-1,457
Total			-2,152	0	75,132	0	91,699	56	97,398	67,853	92	-2,517
Mean cfs			---	0	2,424	0	2,958	2	3,142	2,189	3	-81
Acre-feet			-2,152	0	149,024	0	181,887	111	193,187	134,578	182	-5,005

1/ Pump-in located at Mile 79.67R.

2/ Includes 0 AF delivered to DFG at O'Neill Forebay, 2 AF to Parks & Rec., 0 AF to the Cattle Program and 180 AF to San Luis Water District.

**Table 15. Consolidated State-Federal San Luis Reservoir**

Daily Operations

October 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)	Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.	
Sep 30	414.10	639,414						
1	414.80	645,424	6,010	3,205	0	178	0	3
2	415.20	648,868	3,444	2,459	0	172	0	-551
3	416.04	656,122	7,254	4,251	0	181	0	-413
4	416.60	660,975	4,853	3,244	0	186	0	-611
5	417.03	664,711	3,736	2,541	0	186	0	-471
6	417.45	668,367	3,656	2,416	0	183	0	-390
7	418.32	675,965	7,598	4,172	0	176	0	-165
8	418.59	678,329	2,364	1,543	0	187	0	-164
9	418.87	680,785	2,456	1,543	0	168	0	-137
10	419.27	684,298	3,513	2,093	0	151	0	-171
11	419.83	689,228	4,930	2,810	0	143	0	-181
12	420.31	693,464	4,236	2,273	0	147	0	10
13	420.85	698,241	4,777	2,625	0	136	0	-81
14	421.60	704,897	6,656	3,704	0	140	0	-208
15	422.27	710,862	5,965	3,156	0	137	0	-12
16	423.04	717,741	6,879	3,741	0	128	0	-145
17	423.97	726,083	8,342	4,359	0	123	0	-30
18	424.51	730,943	4,860	2,810	0	129	0	-231
19	425.20	737,170	6,227	3,372	0	140	0	-93
20	426.40	748,031	10,861	5,674	0	139	0	-59
21	427.47	757,760	9,729	5,330	0	141	0	-284
22	427.87	761,408	3,648	2,081	0	151	0	-91
23	428.60	768,081	6,673	3,839	0	155	0	-320
24	429.36	775,049	6,968	3,640	0	162	0	35
25	430.09	781,763	6,714	3,719	0	147	0	-187
26	430.75	787,850	6,087	3,524	0	164	0	-291
27	431.27	792,657	4,807	2,633	0	151	0	-59
28	431.90	798,494	5,837	3,126	0	154	0	-29
29	432.30	802,208	3,714	1,904	0	145	0	113
30	432.90	807,789	5,581	3,370	0	148	0	-408
31	433.30	811,518	3,729	2,241	0	181	0	-180
Total			172,104	97,398	0	4,829	0	-5,801
Mean cfs			---	3,142	0	156	0	-187
Acre-feet			172,104	193,187	0	9,577	0	-14,663

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 9,068 AF, Casa De Fruta 0 AF, and San Benito 509 AF.

**Table 16. San Luis Field Division Plant Data**

(in acre-feet)

**October 2007**

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	5,105	5,105	0	0	6,357	3,914	354
2	4,959	4,959	0	0	4,877	776	342
3	5,798	5,798	0	0	8,432	5,667	359
4	5,277	5,277	0	0	6,434	1,710	368
5	5,174	5,174	0	0	5,040	1,522	368
6	5,345	5,345	0	0	4,792	1,342	363
7	5,049	5,049	0	0	8,275	2,331	349
8	4,978	4,569	0	0	3,061	-97	371
9	5,331	5,331	0	0	3,061	-91	334
10	5,300	5,300	0	0	4,152	977	299
11	4,919	4,919	0	0	5,574	-226	284
12	4,493	4,493	0	0	4,509	-164	291
13	4,508	4,508	0	0	5,207	930	270
14	5,042	5,042	0	0	7,346	959	277
15	4,310	4,310	0	0	6,259	3,160	271
16	3,725	3,725	0	0	7,420	4,813	254
17	3,024	3,024	0	0	8,646	1,080	244
18	4,248	4,248	0	0	5,573	1,660	256
19	4,197	4,197	0	0	6,689	1,661	277
20	2,993	2,993	0	0	11,255	3,768	275
21	3,264	3,264	0	0	10,572	16	280
22	3,136	3,136	0	0	4,127	1,047	299
23	2,930	2,930	0	0	7,614	2,886	308
24	2,838	2,838	0	0	7,219	967	322
25	3,298	3,298	0	0	7,377	1,495	292
26	3,899	3,360	0	0	6,989	1,961	326
27	3,770	3,241	0	0	5,223	516	299
28	6,978	6,448	0	0	6,200	34	305
29	3,627	3,092	0	0	3,777	-49	287
30	3,110	2,618	0	0	6,684	41	294
31	3,953	3,417	0	0	4,446	203	359
Total	134,578	131,008	0	0	193,187	44,809	9,577

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

**Table 17. Consolidated State-Federal Los Banos Reservoir**

Daily Operations

October 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity 34,560 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Sep 30	322.95	18,367					
1	322.95	18,367	0	0	0	0	0
2	322.94	18,362	-5	0	0	0	-5
3	322.93	18,358	-4	0	0	0	-4
4	322.89	18,340	-18	0	0	0	-18
5	322.86	18,327	-13	0	0	0	-13
6	322.85	18,323	-4	0	0	0	-4
7	322.85	18,323	0	0	0	0	0
8	322.84	18,318	-5	0	0	0	-5
9	322.82	18,309	-9	0	0	0	-9
10	322.80	18,301	-8	0	0	0	-8
11	322.80	18,301	0	0	0	0	0
12	322.79	18,296	-5	0	0	0	-5
13	322.80	18,301	5	3	0	0	-1
14	322.80	18,301	0	0	0	0	0
15	322.78	18,292	-9	0	0	0	-9
16	322.76	18,283	-9	0	0	0	-9
17	322.75	18,279	-4	0	0	0	-4
18	322.74	18,274	-5	0	0	0	-5
19	322.73	18,270	-4	0	0	0	-4
20	322.70	18,257	-13	0	0	0	-13
21	322.68	18,248	-9	0	0	0	-9
22	322.68	18,248	0	0	0	0	0
23	322.67	18,243	-5	0	0	0	-5
24	322.67	18,243	0	0	0	0	0
25	322.66	18,239	-4	0	0	0	-4
26	322.65	18,235	-4	0	0	0	-4
27	322.64	18,230	-5	0	0	0	-5
28	322.64	18,230	0	0	0	0	0
29	322.62	18,221	-9	0	0	0	-9
30	322.61	18,217	-4	0	0	0	-4
31	322.60	18,213	-4	0	0	0	-4
Total			-154	3	0	0	-160
Mean cfs			---	0	0	0	---
Acre-feet			-154	6	0	0	-160

**Table 18. Consolidated State-Federal Little Panoche Reservoir**

Daily Operations

October 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Sep 30	600.00	684					
1	600.00	684	0	0	0	0	0
2	600.00	684	0	0	0	0	0
3	600.00	684	0	0	0	0	0
4	600.00	684	0	0	0	0	0
5	600.00	684	0	0	0	0	0
6	600.00	684	0	0	0	0	0
7	600.00	684	0	0	0	0	0
8	600.00	684	0	0	0	0	0
9	600.00	684	0	0	0	0	0
10	600.00	684	0	0	0	0	0
11	600.00	684	0	0	0	0	0
12	600.00	684	0	0	0	0	0
13	600.00	684	0	0	0	0	0
14	600.00	684	0	0	0	0	0
15	600.00	684	0	0	0	0	0
16	600.00	684	0	0	0	0	0
17	600.00	684	0	0	0	0	0
18	600.00	684	0	0	0	0	0
19	600.00	684	0	0	0	0	0
20	600.00	684	0	0	0	0	0
21	600.00	684	0	0	0	0	0
22	600.00	684	0	0	0	0	0
23	600.00	684	0	0	0	0	0
24	600.00	684	0	0	0	0	0
25	600.00	684	0	0	0	0	0
26	600.00	684	0	0	0	0	0
27	600.00	684	0	0	0	0	0
28	600.00	684	0	0	0	0	0
29	600.00	684	0	0	0	0	0
30	600.00	684	0	0	0	0	0
31	600.00	684	0	0	0	0	0
Total			0	0	0	0	0
Mean cfs			---	0	0	0	---
Acre-feet			0	0	0	0	0

**Table 19. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries

(In acre-feet)

**October 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
2B	12	Check No. 12	66.71		181,887						
3A		San Luis Reservoir		Department of Parks and Recreation	0	9,068		0	0		
				San Felipe Division Santa Clara Water District	9,068						
				Casa de Fruta Santa Clara Water District	0						
				San Felipe Division San Benito Water District	509		509				
					9,577		9,577	0	0		
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	2			1	1		
				Cattle Program	0			0	0		
				Department of Fish & Game	0			0	0		
		Thru 85.08	70.91	San Luis Water District	180	180					
			(Floodwater Inflow)	0							
				Reach 3 Subtotal:	182		180	0	1		
		Dos Amigos Pumping Plant	86.73		134,578						
4	14		89.03	San Luis Water District	3,116	3,116					
			Thru 94.06								
			89.66	Pacheco Water District	126		126				
			Thru 89.67								
			89.68	Panoche Water District	48						
			89.70	City of Dos Palos	123	123					
			Check No. 14	95.06							
	15		98.15	San Luis Water District	135	135					
			Thru 104.20								
			96.15	Panoche Water District	890		890				
			Thru 102.64	(Floodwater Inflow)	0						
			102.64	Broadview Water District	0						
			105.22	Westlands Water District	2,666	2,666					
			Thru 108.64								
		Check No.15	108.50								
				Reach 4 Subtotal:	7,104	7,104	0	0	0		
				San Felipe Division Total:	9,577	9,577	0	0	0		
				Pacheco Water District Total:	126	126	0	0	0		
				Broadview Water District Total:	0	0	0	0	0		
				City of Dos Palos Total:	123	123	0	0	0		
				SLWD Reach 4 Subtotal:	3,251	3,251	0	0	0		
				Panoche Water District Total:	938	938	0	0	0		
				SLWD Total:	3,431	3,431	0	0	0		
				Westlands WD Reach 4 Subtotal:	2,666	2,666	0	0	0		

**Table 19. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**October 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	No.	Beginning and Ending				USBR	Transfer	DWR Recreation	USBR Recreation		
		Structure	Mile								
5	16		110.52	(Reverse flow, Kings River)	0	3,931		0	0		
				Westlands Water District	3,931						
				Thru	0						
				122.05	0						
				Dept. of Fish and Game @ Lat. 4L	0						
	17		122.07	Dept. of Fish and Game @ Lat. 6L	0	1,498		0	0		
				Dept. of Fish and Game @ Lat. 7L	0						
				Check No. 16	122.07						
	18		124.18	Westlands Water District	1,498	4,227		0	0		
				Thru	0						
				132.74	0						
			Check No. 17	132.95	0						
			133.81	Westlands Water District	4,227						
	19			Thru	0						
				142.61	0						
		Pleasant Valley Pumping Plant	143.16	Westlands Water District	2,872	2,872	0	0			
		143.16	City of Coalinga	584	584	0	0				
		Check No. 18	143.23	0	0	0	0	0			
				Reach 5 Subtotal:	13,112	13,112	0	0			
6	19		145.26	GWF Energy	0	1/ 253		0	0		
				City of Huron	0						
				Kings County to Lemoore NAS Through WWD	253						
				Kings County through WWD 30L	0						
				Westlands Water District	3,064						
			Check No. 19	155.64	0	3,064	253	0	0		
					Reach 6 Subtotal:	3,317					
7	20		156.34	City of Huron	89	89		0	0		
				156.40	SWP Construction @ Lat. 24R	0					
				Thru	Kings County through WWD 31L, 32L, 33L, 34L, 35L, 36L	0					
				163.69	Westlands Water District	2,235					
			Check No. 20	164.69	0						
	21		164.79	City of Avenal	205	205		0	0		
				167.04	Westlands Water District	1,028					
				171.67	0						
			Check No. 21	172.40	110,049	1,028	0	0	0		
					Reach 7 Total:	3,557	3,557	0	0		
					SWP Construction Total:	0	0	0	0		
					Westlands WD Total:	21,521	21,521	0	0		
					City of Coalinga Total:	584	584	0	0		
					City of Huron Total:	89	89	0	0		
					Kings County to Lemoore NAS Through WWD	253	0	253	0		
					City of Avenal Total:	205	205	0	0		
Total San Luis Field Division Deliveries:					36,849	36,594	253	1	1		

1/ Long-term POD from County of Kings to Lemoore Naval Air Base.

**Table 20. Consolidated State-Federal San Luis Canal 1/**

Daily Operations  
October 2007

United States  
Department of the Interior  
Bureau of Reclamation  
Central Valley Project

State of California  
The Resources Agency  
Department of Water Resources  
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non- Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Sep 30	28,696								
1	28,619	-77	0	2,574	42	26	424	2,340	219
2	28,210	-409	0	2,500	42	26	424	2,319	105
3	28,745	535	0	2,923	43	26	428	2,235	79
4	28,863	118	0	2,660	55	11	375	2,066	-94
5	28,503	-360	0	2,609	55	11	375	2,336	-13
6	28,555	52	0	2,695	55	11	375	2,203	-25
7	28,749	194	0	2,546	55	11	375	2,122	114
8	28,900	151	0	2,510	55	11	375	1,996	4
9	29,083	183	0	2,688	55	11	375	2,097	-58
10	28,982	-101	0	2,672	55	13	375	2,192	-88
11	28,702	-280	0	2,480	73	14	368	2,102	-64
12	28,356	-346	0	2,265	73	14	368	1,986	2
13	28,677	321	0	2,273	73	14	368	1,682	26
14	28,784	107	0	2,542	73	14	368	2,052	19
15	29,260	476	0	2,173	73	14	368	1,619	141
16	29,050	-210	0	1,878	73	14	368	1,695	166
17	28,076	-974	0	1,525	73	16	369	1,635	77
18	28,182	106	0	2,142	50	11	332	1,654	-42
19	29,164	982	0	2,116	50	11	332	1,098	-130
20	28,931	-233	0	1,509	50	11	332	1,257	24
21	28,578	-353	0	1,646	50	11	332	1,880	449
22	28,686	108	0	1,581	50	11	332	1,143	10
23	28,787	101	0	1,477	50	11	332	950	-83
24	28,480	-307	0	1,431	50	11	332	1,079	-113
25	28,761	281	0	1,663	56	19	374	1,084	12
26	28,739	-22	0	1,966	56	19	374	1,473	-55
27	28,209	-530	0	1,901	56	19	374	1,847	128
28	28,968	759	0	3,518	56	19	374	2,798	112
29	28,871	-97	0	1,829	56	19	374	1,490	61
30	28,104	-767	0	1,568	56	19	374	1,736	231
31	28,815	711	0	1,993	56	25	374	1,313	133
Total		119	0	67,853	1,765	473	11,420	55,482	1,347
Mean cfs		---	0	2,189	57	15	368	1,790	43
Acre-feet		119	0	134,578	3,500	938	22,652	110,049	2,680

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 125 AF AG, 1 AF M&I to Pacheco W.D., 123 AF to the City of Dos Palos and 3,251 AF to San Luis Water District.

3/ Includes 89 AF to the City of Huron, 205 AF to the City of Avenal, 584 AF to the City of Coalinga, 0 AF to Huron P&R @

22R, 253 AF to Lemoore N.A.S. @ 29L, 0 AF GWF @ 30L, 0 AF Kings County @ 30L, 0 AF Broadview WD @ 3L, 0 AF

DFG @ 4L, 0 AF Pilibos Wildlife @ 4L, 0 AF Mendota Water Fowl Habitat Area @ 6L, 0 AF DFG @ 7L, 0 AF Non-Project Water and 21,521 AF to Westlands Water District.

**Table 21. San Joaquin Field Division Plant Data**

(in acre-feet)

October 2007

Date	Coastal Aqueduct					California Aqueduct				
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant	
23	1	282	257	105	96	106	5,028	5,391	5,017	4,920
	2	291	273	98	93	100	5,375	5,412	5,059	4,985
	3	316	353	101	91	100	4,820	4,909	4,544	4,571
	4	265	266	93	86	94	4,913	4,773	4,497	4,362
	5	296	303	82	75	81	4,577	4,506	4,091	4,007
	6	348	344	115	107	114	4,650	4,612	4,427	4,340
	7	337	308	95	87	96	4,445	4,848	4,637	4,601
	8	243	253	107	98	107	4,393	4,691	4,510	4,475
	9	141	168	98	90	97	4,286	4,304	4,081	3,940
	10	213	221	80	74	82	4,779	4,667	4,428	4,405
	11	271	270	77	70	76	4,373	4,400	4,129	4,018
	12	266	262	85	78	85	4,168	4,095	3,918	3,846
	13	288	272	71	65	72	3,369	3,462	3,542	3,349
	14	199	216	93	87	94	4,882	5,170	5,188	5,130
	15	136	160	67	61	68	4,307	4,685	4,459	4,394
	16	194	205	74	68	74	4,071	4,262	3,975	3,889
	17	172	160	56	51	56	3,995	4,132	3,818	3,688
	18	157	153	59	55	60	3,960	3,840	3,567	3,505
	19	153	170	60	56	56	3,245	3,575	3,300	3,236
	20	198	230	88	81	87	3,227	3,283	3,110	3,153
	21	199	232	79	73	81	4,965	5,570	5,376	5,350
	22	130	151	58	51	57	3,222	3,366	3,177	3,105
	23	142	166	85	79	83	3,120	3,392	3,143	3,089
	24	154	150	69	64	70	3,343	3,435	3,160	3,188
	25	163	168	87	81	85	3,695	3,773	3,531	3,475
	26	186	189	82	76	81	4,067	4,136	3,875	3,760
	27	218	216	78	73	78	4,194	4,198	3,982	3,962
	28	122	148	54	48	55	5,776	7,081	6,864	6,897
	29	104	118	59	59	67	4,166	4,355	4,302	4,120
	30	144	160	80	69	76	4,292	4,284	4,081	4,077
	31	117	137	47	42	46	4,288	4,392	4,161	4,074
Total		6,443	6,679	2,482	2,284	2,484	131,991	136,998	129,948	127,911

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

**October 2007**

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries					
	Beginning and Ending		Mile			Table A	USBR	Article 21	Recovery 1/		
	No.	Structure									
7	21	Check No. 21	172.40		110,049						
8C	22		172.66	Empire West Side ID TL - A	0	225	63	148	860		
				County of Kings TL - A	0						
				Tulare Lake Basin WSD TL-A	0						
			175.18	Dudley Ridge WD - 1	225						
			177.54	Dudley Ridge WD - 1B	63						
			180.64	Tulare Lake Basin WSD - C	0						
			180.65	Dudley Ridge WD - 1A	148						
			182.99	Dudley Ridge WD - 2	860						
			183.00	Tulare Lake Basin WSD TL - B	0						
				County of Kings TL-B	0						
31A	8D		184.00	Dudley Ridge WD - Paramount	3	3	766	0	0		
			184.63	Coastal Branch	6,443						
8D			184.78	Dudley Ridge WD - 3	766	2,065	0	0	0		
				Dudley Ridge Reach 8D Total:	2,065						
9	23			Tulare Lake Basin WSD Total:	0	0	0	0	0		
				Check No. 22	184.82						
				189.69	Kern County Water Agency Lost Hills Water Dist. - 1				1,860		
				191.18	Kern County Water Agency Lost Hills Water Dist. - 2				403		
				194.22	Kern County Water Agency Lost Hills Water Dist. - 3				131		
				196.40	Kern County Water Agency Berrenda Mesa - 2				191		
				196.75	Kern County Water Agency Lost Hills Water Dist. - 4				294		
					KCWA Reach 9 Subtotal:						
				2,879							
			Check No. 23	197.05							
10A	24			201.24	Kern County Water Agency Lost Hills Water Dist. - 7	277	695	5	277		
				202.05	Kern County Water Agency Lost Hills Water Dist. - 5				695		
				204.69	Kern County Water Agency Lost Hills Water Dist. - 6				5		
				205.26	Kern County Water Agency Lost Hills Water Dist. - 8				1,023		
			Check No. 24	207.94							
				209.71	Kern County Water Agency Belridge Water Storage Dist. - 1A	4,104	0	0	0		
				209.78	Kern National Wildlife Refuge USBR BV-1B				0		
					Kern County Water Agency Buena Vista WSD 1B				0		
				209.80	KCWA Semicropic WSD				0		
					KCWA Semicropic WSD Penstocks				0		
					USBR Total:						
					4,104						
					KCWA Reach 10A Subtotal:						
					2,000						

1/ Recovery of same contractors pump-in.

2/ Water supplied by Rosedale Rio Bravo at O'Neill for BOR and then moved to Kern National Wildlife Refuge.

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**October 2007**

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries					
	Beginning and Ending					Table A	USBR	Article 21	Recovery 1/		
	No.	Structure	Mile								
11B	25		210.75	Kern County Water Agency Belridge - 2	0				173		
			214.11	Kern County Water Agency Belridge - 3	173						
			216.62	Kern County Water Agency Belridge - 4	0						
			217.13	Kern County Water Agency Belridge - 5A-C	5,118				5,118		
				Kern County Water Agency Belridge - 5D	145						
		Check No. 25	217.79								
				KCWA Reach 11B Subtotal:	5,436		0	0	5,436		
12D	26		219.58	Kern County Water Agency Belridge - 6	0				419		
				Kern County Water Agency West Kern - 3	419						
		Check No. 26	224.92								
12E	27		230.37	Kern County Water Agency Buena Vista - 6	0						
		Check No. 27	231.73								
	28		235.75	Kern County Water Agency Buena Vista - 2	0						
				Kern County WA CVC	0						
				DRWD CVC	0						
				Tulare Co.	0						
			238.04	Lower Tule River	0						
				Fresno Co.	0						
				Pixley ID	0						
				Hacienda							
				DWR Wells	0						
		Check No. 28	238.11								
			2/ Arvin Edison Total:	0	0		0	0			
			Reach 12E Subtotal:	0	0		0	0			
13B	29		238.19	Kern Water Bank Inflow	0						
				Kern Water Bank Outflow	0						
			241.02	Kern River Intertie (inflow)	0						
			242.85	KCWA Buena Vista WSD - 7	0						
				KCWA Buena Vista WSD - 5	0						
			243.09	Kern County Water Agency Buena Vista - 3	0						
			Check No. 29	244.54							
	30		249.85	Kern County Water Agency Buena Vista - 4	0						
			250.99		131,991						
		Buena Vista Pumping Plant		KCWA Reach 13B Subtotal:	0		0	0	0		
14A	31		254.47	Kern County Water Agency West Kern - 2	0				181		
			256.11	Kern County Water Agency Wheeler Ridge-Maricopa - 2	181						

1/ Recovery of same contractors pump-in.

2/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**October 2007**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries				
	Beginning and Ending				Table A	USBR	Article 21	Recovery 1/	
	No.	Structure	Mile						
14A	31	Check No. 31	256.14						
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	339			339	
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	671			671	
		Check No. 32	261.72						
				KCWA Reach 14A Subtotal:	1,191	0	0	1,191	
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	1,600			1,600	
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	447			447	
		Check No. 33	267.36						
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	1,183			1,183	
			271.27						
				Reach 14B Total:	3,230	0	0	3,230	
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	739			739	
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	343			343	
			277.30	Kern County Water Agency Arvin-Edison WSD	0				
				Reach 14C Total:	1,082	0	0	1,082	
	Teerink Pumping Plant		278.13		136,998				
15A	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	232			232	
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	2,300			2,300	
				Reach 15A Total:	2,532	0	0	2,532	
	Chrisman Pumping Plant		280.36		129,948				
16A	37		282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11	0				
			283.95						
	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	26			26	
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	5			5	
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0				
	Check No. 38		287.09						
	39		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	142			142	
			290.21						
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	767			767	
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	37			37	
				Kern County Water Agency Tehachapi Cummings CWD	1,191			1,191	
				KCWA Reach 16A Subtotal:	2,168	0	0	2,168	
	Edmonston Pumping Plant		293.45		127,911				

1/ Recovery of same contractors pump-in.

**Table 23. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

**October 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending					Table A	USBR	Article 21	Recovery 1/		
	No.	Structure	Mile								
31A	C-1	Coastal Branch Control	0.02		6,443						
		Las Perillas Pumping Plant	1.16		6,443						
	C-2		3.79	Green Valley Water District	0						
		Badger Hill Pumping Plant	4.27		6,443						
	C-3	Coastal Check No. 3	7.21								
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	0						
		Coastal Check No. 4	9.34								
	C-5	Coastal Check No. 5	12.20								
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	339				339		
			14.83	Kern County Water Agency Berrenda Mesa - 1	3,882						
				Kern County Water Agency Berrenda Mesa - PO	0						
		Devil's Den Pumping Plant	14.86		2,482						
				KCWA Reach 31A Subtotal:	4,221		0	0	4,221		
				KCWA Total:	25,158						
33A	C-7	Bluestone Pumping Plant	19.05		2,284		2,232	261			
	C-8	Polonio Pass Pumping Plant	26.54		2,484						
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant	0						
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	2,232						
		Tank Site 2	58.63	Central Coast:	0						
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	261		2,493	0	0		
		Energy Dissipater	78.12								
35	C-12	Lopez T.O.	85.86	SLOCFC & WCD	0		0	0	0		
				CCWA Total:	2,493						
	Guadalupe T.O.	102.70		SBCFC & WCD	0						
	Santa Maria T.O.	107.43		SBCFC & WCD	0						
38	So. Cal. Water T.O.	109.20		SBCFC & WCD	0						
				SBCFC & WCD Total:	0		0	0	0		
	Tank Site 5	115.42									

1/ Recovery of same contractors pump-in.

**Table 24. Southern Field Division Plant Data**

October 2007

(in acre-feet)

Date	West Branch						East Branch								East Branch Extension			
	Oso Pumping Plant	Warne Powerplant			Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley	
		Generation	Leakage	Gorman Crk. Improvement Channel	Generation 1/	Pumpback 1/	Bypass Through Plant	Tehachapi Afterbay Bypass	Generation	Leakage	Bypass Flume							
28	1	2,584	1,829	0	0	3,402	954	1,936	0	405	2,036	1,491	0	0	2,393	34	20	0
	2	2,618	1,537	0	0	4,480	789	1,679	0	546	2,007	1,880	0	0	2,241	35	22	0
	3	1,945	1,531	0	0	3,721	665	1,988	0	322	2,282	2,287	0	0	2,454	35	21	0
	4	1,334	1,531	0	0	4,210	1,094	2,345	0	537	2,655	2,720	0	0	2,331	14	0	0
	5	1,370	1,533	0	0	1,618	697	2,134	0	562	2,588	2,409	0	0	2,542	35	22	0
	6	1,691	1,529	0	0	259	0	2,340	0	298	2,488	2,114	0	0	2,208	35	23	0
	7	1,499	1,529	0	0	617	0	2,472	0	413	2,724	2,712	0	0	2,580	34	22	0
	8	1,716	1,530	0	0	3,995	1,927	2,523	0	198	2,550	2,527	0	0	2,502	35	19	0
	9	1,147	1,166	0	0	2,968	790	2,318	0	289	2,665	2,536	0	0	2,524	35	20	0
	10	1,425	1,577	0	0	2,963	776	2,662	0	347	2,544	2,514	0	0	2,589	34	20	0
	11	1,473	1,579	0	0	2,775	941	2,238	0	298	2,208	1,906	0	0	2,279	35	22	0
	12	1,470	1,582	0	0	3,098	1,521	2,073	0	99	2,083	2,196	0	0	2,499	33	20	0
	13	1,084	1,583	0	0	119	1,211	996	0	1,372	2,059	2,090	0	0	2,267	35	21	0
	14	2,598	1,585	0	0	734	0	2,476	0	354	3,225	3,070	0	0	2,167	36	21	0
	15	1,144	1,583	0	0	2,718	1,356	2,340	0	579	2,589	2,304	0	0	2,082	32	21	0
	16	1,276	1,584	0	0	3,443	1,316	1,635	0	706	2,093	2,339	0	0	1,973	31	20	0
	17	1,471	1,583	0	0	1,396	1,409	284	0	1,628	1,756	1,732	0	0	1,796	26	15	0
	18	1,479	1,585	0	0	4,529	700	2,102	0	207	2,148	2,017	0	0	1,840	24	16	0
	19	1,392	1,570	0	0	3,428	768	1,818	0	289	1,574	1,685	0	0	1,792	31	22	0
	20	1,401	1,551	0	0	108	0	1,604	0	0	1,449	1,701	0	0	1,825	30	21	0
	21	2,715	1,547	0	0	714	19	2,150	0	33	1,935	1,779	0	0	1,949	17	9	0
	22	1,641	1,543	0	0	559	1,987	1,744	0	99	1,462	1,278	0	0	1,666	30	22	0
	23	1,240	1,543	0	0	3,600	1,632	1,743	0	165	1,616	1,830	0	0	1,916	35	21	0
	24	1,757	1,548	0	0	3,770	964	1,216	0	149	1,020	1,097	0	0	2,253	35	21	0
	25	1,574	1,546	0	0	4,435	1,040	1,763	0	0	1,769	1,789	0	0	2,204	30	21	0
	26	1,422	1,549	0	0	2,525	0	1,778	0	331	2,182	1,973	0	0	2,445	31	19	0
	27	1,460	1,548	0	0	642	0	2,096	0	521	2,212	2,197	0	0	2,408	31	20	0
	28	2,655	1,547	0	0	111	0	2,815	0	1,081	3,987	3,629	0	0	2,435	52	14	0
	29	1,782	1,543	0	0	3,882	0	1,754	0	496	2,142	2,452	0	0	2,451	68	50	18
	30	1,177	1,543	0	0	2,168	0	2,129	0	496	2,715	2,831	0	0	2,564	67	55	31
	31	1,215	1,544	0	0	3,822	0	2,334	0	298	2,467	2,402	0	0	2,335	67	54	31
	Total	50,755	48,078	0	0	76,809	22,556	61,485	0	13,118	69,230	67,487	0	0	69,510	1,102	694	80

1/ Values supplied by LADWP, not verified by DWR.

**Table 25. Pyramid Lake**  
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow				Outflow				Computed Losses (-) And Gains (+)	
				Project			Natural	Project			Natural		
				Castaic Powerplant Pumpback 1/	Warne Power-plant	Gorman Creek Improve. Channel	Stream Flow	Castaic Powerplant Generation 1/	Recrea-tion Deliveries	To Piru Creek	United Water Agency		
Sep 30	2575.08	166,159											
1	2574.62	165,574	-585	954	1,829	0	12	3,402	0	16	0	38	
2	2572.73	163,187	-2,387	789	1,537	0	12	4,480	0	16	0	-229	
3	2571.37	161,483	-1,704	665	1,531	0	12	3,721	0	16	0	-175	
4	2570.02	159,803	-1,680	1,094	1,531	0	12	4,210	0	16	0	-91	
5	2570.73	160,685	882	697	1,533	0	13	1,618	0	16	0	273	
6	2571.44	161,570	885	0	1,529	0	13	259	0	16	0	-382	
7	2572.08	162,371	801	0	1,529	0	13	617	0	16	0	-108	
8	2571.64	161,820	-551	1,927	1,530	0	13	3,995	0	16	0	-10	
9	2570.73	160,685	-1,135	790	1,166	0	13	2,968	0	16	0	-120	
10	2570.29	160,138	-547	776	1,577	0	14	2,963	0	16	0	65	
11	2569.99	159,766	-372	941	1,579	0	14	2,775	0	16	0	-115	
12	2569.93	159,691	-75	1,521	1,582	0	14	3,098	0	16	0	-78	
13	2572.18	162,496	2,805	1,211	1,583	0	15	119	0	16	0	131	
14	2572.76	163,224	728	0	1,585	0	15	734	0	16	0	-122	
15	2572.82	163,300	76	1,356	1,583	0	15	2,718	0	16	0	-144	
16	2572.38	162,747	-553	1,316	1,584	0	15	3,443	0	18	0	-7	
17	2573.73	164,447	1,700	1,409	1,583	0	15	1,396	0	18	0	107	
18	2571.76	161,970	-2,477	700	1,585	0	15	4,529	0	18	0	-230	
19	2570.78	160,747	-1,223	768	1,570	0	16	3,428	0	18	0	-131	
20	2572.26	162,596	1,849	0	1,551	0	15	108	0	18	0	409	
21	2572.53	162,935	339	19	1,547	0	15	714	0	18	0	-510	
22	2574.91	165,942	3,007	1,987	1,543	0	15	559	0	18	0	39	
23	2574.43	165,333	-609	1,632	1,543	0	15	3,600	0	18	0	-181	
24	2573.37	163,993	-1,340	964	1,548	0	15	3,770	0	18	0	-79	
25	2571.76	161,970	-2,023	1,040	1,546	0	15	4,435	0	18	0	-171	
26	2570.87	160,859	-1,111	0	1,549	0	15	2,525	0	18	0	-132	
27	2571.62	161,795	936	0	1,548	0	15	642	0	18	0	33	
28	2572.69	163,136	1,341	0	1,547	0	16	111	0	18	0	-93	
29	2570.73	160,685	-2,451	0	1,543	0	16	3,882	0	18	0	-110	
30	2570.20	160,026	-659	0	1,543	0	16	2,168	0	18	0	-32	
31	2568.22	157,581	-2,445	0	1,544	0	16	3,822	0	18	0	-165	
Total				-8,578	22,556	48,078	0	445	76,809	0	528	0	-2,320

1/ Values supplied by LADWP, not verified by DWR.

**Table 26. Elderberry Forebay**

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake			
				Natural	Project 1/					
Sep 30	1512.76	20,262								
1	1515.50	21,364	1,102	3,402	0	954	0	1,347	1	
2	1518.61	22,652	1,288	4,480	0	789	0	2,403	0	
3	1519.09	22,854	202	3,721	0	665	0	2,853	-1	
4	1519.49	23,024	170	4,210	0	1,094	0	2,947	1	
5	1514.98	21,152	-1,872	1,618	0	697	0	2,792	-1	
6	1515.79	21,482	330	259	0	0	0	0	71	
7	1517.30	22,104	622	617	0	0	0	0	5	
8	1517.98	22,388	284	3,995	0	1,927	0	1,786	2	
9	1516.85	21,918	-470	2,968	0	790	0	2,646	-2	
10	1515.73	21,458	-460	2,963	0	776	0	2,649	2	
11	1517.27	22,092	634	2,775	0	941	0	1,198	-2	
12	1517.68	22,263	171	3,098	0	1,521	0	1,407	1	
13	1514.93	21,132	-1,131	119	0	1,211	0	0	-39	
14	1516.75	21,877	745	734	0	0	0	0	11	
15	1519.79	23,151	1,274	2,718	0	1,356	0	0	-88	
16	1519.19	22,897	-254	3,443	0	1,316	0	2,381	0	
17	1511.86	19,907	-2,990	1,396	0	1,409	0	2,977	0	
18	1515.62	21,413	1,506	4,529	0	700	0	2,323	0	
19	1515.10	21,201	-212	3,428	0	768	0	2,871	-1	
20	1515.34	21,299	98	108	0	0	0	0	-10	
21	1516.62	21,823	524	714	0	19	0	0	-171	
22	1513.19	20,433	-1,390	559	0	1,987	0	0	38	
23	1510.92	19,540	-893	3,600	0	1,632	0	2,860	-1	
24	1513.57	20,584	1,044	3,770	0	964	0	1,763	1	
25	1515.16	21,225	641	4,435	0	1,040	0	2,753	-1	
26	1514.10	20,797	-428	2,525	0	0	0	0	-2,953	
27	1515.66	21,429	632	642	0	0	0	0	-10	
28	1515.90	21,527	98	111	0	0	0	0	-13	
29	1525.04	25,433	3,906	3,882	0	0	0	0	24	
30	1524.83	25,340	-93	2,168	0	0	0	2,261	0	
31	1529.91	27,640	2,300	3,822	0	0	0	1,524	2	
Total				7,378	76,809	0	22,556	0	43,741	-3,134

1/ Values supplied by LADWP, not verified by DWR.

**Table 27. Castaic Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Sep 30	1510.21	313,096								
1	1510.13	312,921	-175	0	1,347	0	1,640	0	118	
2	1510.41	313,535	614	0	2,403	0	1,673	39	-77	
3	1510.89	314,589	1,054	0	2,853	0	1,791	159	151	
4	1511.21	315,293	704	0	2,947	0	1,953	159	-131	
5	1511.46	315,843	550	0	2,792	0	1,939	159	-144	
6	1510.62	313,996	-1,847	0	0	0	1,890	40	83	
7	1509.66	311,892	-2,104	0	0	0	2,087	0	-17	
8	1509.45	311,433	-459	0	1,786	0	2,177	0	-68	
9	1509.65	311,870	437	0	2,646	0	2,306	0	97	
10	1509.85	312,308	438	0	2,649	0	2,073	0	-138	
11	1509.46	311,455	-853	0	1,198	0	2,039	0	-12	
12	1509.18	310,844	-611	0	1,407	0	2,028	0	10	
13	1508.34	309,013	-1,831	0	0	0	1,974	0	143	
14	1507.05	306,215	-2,798	0	0	0	1,891	0	-907	
15	1506.62	305,286	-929	0	0	0	1,838	0	909	
16	1506.90	305,891	605	0	2,381	0	1,758	0	-18	
17	1507.50	307,190	1,299	0	2,977	0	1,697	0	19	
18	1507.77	307,775	585	0	2,323	0	1,678	0	-60	
19	1508.26	308,839	1,064	0	2,871	0	1,750	0	-57	
20	1507.50	307,190	-1,649	0	0	0	1,646	0	-3	
21	1506.66	305,372	-1,818	0	0	0	1,744	0	-74	
22	1505.66	303,217	-2,155	0	0	0	2,043	0	-112	
23	1505.86	303,647	430	0	2,860	0	2,461	0	31	
24	1505.84	303,585	-62	0	1,763	0	2,459	0	634	
25	1505.81	303,539	-46	0	2,753	0	2,265	0	-534	
26	1506.14	304,250	711	0	0	0	2,752	0	3,463	
27	1505.76	303,411	-839	0	0	0	2,272	0	1,433	
28	1505.74	303,374	-37	0	0	0	2,299	0	2,262	
29	1505.73	303,347	-27	0	0	0	1,661	0	1,634	
30	1503.01	297,548	-5,799	0	2,261	0	2,379	0	-5,681	
31	1502.90	297,313	-235	0	1,524	0	2,244	0	485	
<b>Total</b>				<b>-15,783</b>	<b>0</b>	<b>43,741</b>	<b>0</b>	<b>62,407</b>	<b>556</b>	<b>3,439</b>

1/ Values supplied by LADWP, not verified by DWR.

**Table 28. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

**October 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Rec.	Transfer	Recovery	General Conveyance	
	No.	Structure	Mile								
29A	42	Oso Pumping Plant	1.49		50,755						
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Removed						
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub						
29G		Warne Power Plant	14.07	(Does not Include 0 AF of flow through Gorman Creek Imp. Channel)	48,078						
29H	W3	Pyramid Lake		USFS							
				Pyramid Recreation (T300)	0						
		Pyramid Dam	17.10	California State Park Piru Fish (T300)	0						
29J	W4	Castaic Power Plant	25.82	( 22,556 AF pumpback ) 2/	76,809						
		Elderberry Forebay									
		Forebay Dam	28.12								
30 1/	W5	Castaic Lake		California State Park Castaic Lake Recreation (T301)	20		20		3/ 13,890	2,000	
		Castaic Dam	31.47								
		Castaic Lake Outlet	31.55	MWDSC 78" & 132" (T302)	58,293		44,403	1,902	68	124	
				Castaic Lake WA 18", 24" & 54" (T303)	1,902						
				Castaic Lake WA Rio Vista T.P. (T304)	2,068						
				MWD-Ventura Co. WPD (T302)	124						
					0						
				Releases to Lagoon	556						
				Reach 30 Subtotal:	62,407		46,497	20	0	13,890	2,000
	W6	Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0						
		Castaic Lagoon Outlet	31.87		235						

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

3/ Semitropic Bank Recovery

**Table 29. Silverwood Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel	Del. To Mojave W.A.	Natural To Mojave River		
Sep 30	3353.42	73,436											
1	3352.41	72,465	-971	1,491	0	0	11	0	2,393	0	0	-58	0
2	3352.05	72,121	-344	1,880	0	0	10	1	2,241	0	0	28	0
3	3351.93	72,006	-115	2,287	0	0	8	0	2,454	0	1	61	0
4	3352.19	72,255	249	2,720	0	0	9	0	2,331	0	0	-131	0
5	3352.05	72,121	-134	2,409	0	0	11	1	2,542	0	0	11	0
6	3351.93	72,006	-115	2,114	0	0	9	0	2,208	0	1	-11	0
7	3351.88	71,958	-48	2,712	0	0	9	0	2,580	0	0	-171	0
8	3351.99	72,063	105	2,527	0	0	9	1	2,502	0	0	90	0
9	3352.19	72,255	192	2,536	0	0	10	0	2,524	0	1	191	0
10	3352.41	72,465	210	2,514	0	0	7	0	2,589	0	0	292	0
11	3351.96	72,035	-430	1,906	0	0	8	0	2,279	0	0	-49	0
12	3351.63	71,711	-324	2,196	0	0	9	0	2,499	0	1	-11	0
13	3351.51	71,606	-105	2,090	0	0	7	0	2,267	0	0	79	0
14	3352.36	72,417	811	3,070	0	0	8	0	2,167	0	1	-83	0
15	3352.75	72,791	374	2,304	0	0	8	0	2,082	0	0	160	0
16	3352.95	72,983	192	2,339	0	0	7	0	1,973	0	0	-167	0
17	3352.86	72,897	-86	1,732	0	0	9	1	1,796	0	0	-12	0
18	3353.09	73,118	221	2,017	0	0	9	0	1,840	0	1	54	0
19	3352.89	72,926	-192	1,685	0	0	9	0	1,792	0	1	-75	0
20	3352.66	72,705	-221	1,701	0	0	9	0	1,825	0	0	-88	0
21	3352.64	72,686	-19	1,779	0	0	9	0	1,949	0	1	161	0
22	3352.10	72,169	-517	1,278	0	0	9	0	1,666	0	0	-120	0
23	3352.05	72,121	-48	1,830	0	0	10	1	1,916	0	0	49	0
24	3352.04	72,107	-14	1,097	0	0	12	1	2,253	0	0	1,155	0
25	3350.33	70,487	-1,620	1,789	0	0	10	1	2,204	0	0	-1,194	0
26	3349.77	69,960	-527	1,973	0	0	10	1	2,445	0	0	-44	0
27	3349.60	69,800	-160	2,197	0	0	10	1	2,408	0	1	63	0
28	3350.87	70,998	1,198	3,629	0	0	10	1	2,435	0	0	15	0
29	3351.98	72,053	1,055	2,452	0	0	10	0	2,451	0	0	1,064	0
30	3351.15	71,264	-789	2,831	0	0	10	0	2,564	0	0	-1,046	0
31	3351.26	71,368	104	2,402	0	0	4	0	2,335	0	0	41	0
Total				-2,068	67,487	0	280	10	69,510	0	9	253	0

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

**Table 30. Lake Perris**

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

**October 2007**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Sep 30	1558.38	66,012				
1	1558.38	66,012	0		105	
2	1558.46	66,154	142		104	
3	1558.54	66,297	143		106	
4	1558.57	66,350	53		104	
5	1558.68	66,546	196		105	
6	1558.63	66,457	-89		103	
7	1558.76	66,689	232		105	
8	1558.74	66,654	-35		104	
9	1558.82	66,797	143		105	
10	1558.87	66,886	89		103	
11	1558.87	66,886	0		105	
12	1558.98	67,083	197		104	
13	1559.01	67,137	54		105	
14	1559.07	67,245	108		104	
15	1559.20	67,478	233		104	
16	1559.31	67,676	198		99	
17	1559.34	67,730	54		186	
18	1559.40	67,838	108		78	
19	1559.36	67,766	-72		5	
20	1559.29	67,640	-126		5	
21	1559.37	67,784	144		6	
22	1559.37	67,784	0		5	
23	1559.32	67,694	-90		5	
24	1559.32	67,689	-5		5	
25	1559.20	67,478	-211		5	
26	1559.12	67,334	-144		5	
27	1559.29	67,640	306		5	
28	1559.23	67,532	-108		5	
29	1559.31	67,662	130		5	
30	1559.37	67,784	122		5	
31	1559.34	67,730	-54		5	
Total			1,718	6,198	1,995	-2,485

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

**October 2007**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Rec.	Transfer	Recovery	General Conveyance	
	No.	Structure	Mile								
17E	40	Edmonston Pumping Plant	293.45		127,911						
	41		298.65	KCWA Tej.-Cas	Stub						
17F		Check No. 41	303.41								
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	0						
		Check No. 42	304.99								
18A	43	Alamo Powerplant	305.73	(Includes 61,485 AF generation, 0 AF plant bypass, and 13,118 AF Tehachapi bypass)	74,603						
			306.71	AVEK 305th Street West (T287)	555						
19	44		308.05	AVEK 294th Street West (T267)	0						
		Check No. 43	309.70								
19	44		311.84	LADWP Connection	0						
			313.50	AVEK 245th Street West (T269)	0						
19	45	Check No. 44	314.81								
			314.93	AVEK 235th Street West (T270)	0						
19	45		315.57	AVEK 225th Street West (T271)	0						
		Check No. 45	319.74								
19	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	770						
				Mojave Water Agency Fairmont (T272)	107						
19	46	Check No. 46	323.84	Reach 19 Total:	877						
20A	47	Check No. 47	326.77								
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	68						
20A			329.65	Antelope Valley-East Kern WA 120th Street West	Re- moved						
		Check No. 48	330.82								
20A	49	Check No. 49	335.93								
	50		336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	2,958						
20B	50		339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	40						
			340.92	AVEK WA-Temp (T387)	0						
20B	51	Check No. 50	341.51								
			342.06	AVEK WA-Temp (T386)	0						
20B	52	Check No. 51	342.07								
			342.95	Antelope Valley-East Kern WA 30th Street West (T414)	0						
20B	53	Check No. 52	343.74								
			346.98	Palmdale WD (T276) Temp.	1,710						
21	53		348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	42						
		Check No. 53	348.17								
21	54		349.52	Palmdale WD (T394) Temp.	0						
		Check No. 54	350.25								
21	55	Check No. 55	352.70								
	56	Check No. 56	354.76								
21	57		354.97	AVEK WA-Delivered through Littlerock Creek ID (T278)	0						
			354.97	Palmdale WD (T276)	0						
21	57		354.97	Palmdale WD (T391)	0						
		Check No. 57	356.93								
22A	58		357.60	AVEK 95th Street East (T279)	85						
			357.72	AVEK 96th Street East (T280)	135						
22A			359.76	AVEK East Side Treatment Plant (T281)	332						

1/ KCWA exchanged 1,710 AF to Palmdale.

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

**October 2007**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	Rec.	Transfer	Recovery	General Conveyance	
	No.	Structure	Mile							
22B	58	Pearblossom Pumping Plant	360.61	69,230	49	420	2,222	1 / 0		
	59	Check No. 59	366.09							
	60		366.50	AVEK Big Rock Siphon (T368)						
	61	Check No. 60	373.94							
	61	Check No. 61	379.00							
	62	Check No. 62	384.26							
	63		389.20	Mojave Water Agency White Road 24" & 42" (T282)						
	64	Check No. 63	395.10							
	65	Check No. 64	400.32							
	66		401.10	Mojave Water Agency Morongo 24" & 42" (T284)						
23		Check No. 65	403.41							
		Mojave Siphon	405.58	Las Flores Ranch Exchange						
24	67	Mojave Siphon Powerplant	405.65							
		Silverwood Lake	407.65	MWA CS DAM (T288)						
				California State Park Silverwood (T288)						
			407.70	Crestline-Lake Arrowhead WA State Project Water (T289)						
				Non-Project Water (T289)						
25		San Bernardino Intake Tunnel								
		Devil Canyon Powerplant	412.73							
26A	68	Devil Canyon Afterbay Control Structures	412.88	MWD-Rialto (T292)						
				MWD-Rialto (T293)						
				Desert Water Agency Transfer (T293)						
				Coachella Valley WD Transfer (T293)						
				MWD EBX-1 (T290)						
				MWD EBX-1 (T291)						
				East Branch Extension						
28G			425.46							
28H		Santa Ana Valley Pipeline	433.06	MWD-SC Box Springs (T295)						
				MWD-SC Perris Bypass Pipeline (T296)						
28J	69	Lake Perris	440.05	MWD-SC (T297)						
				MWD-SC 54" & 78" (T299)						
			443.44	Calif. State Park Lake Perris Recreation (T298)						
				MWD Total:	121,728	92,120	0	0	29,608	
									0	

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow

2/ San Bernardino transferred 30 Af to Crestline-Lake Arrowhead WA.

3/ Includes: 1,250 AF of Kern Delta Recovery, 3,250 AF of Mojave Water Bank Recovery, 6,126 AF of Semitropic Recovery, and 5,092 AF of Arvin Edison Recovery.

4/ Includes 0 AF to San Gabriel Valley MWD, 2,785 AF to San Bernardino Valley MWD, and 91 AF to San Gorgonio Pass WA.

**Table 32. Water Quality At Selected SWP Locations**

October 2007

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Banks Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct				Devil Canyon Afterbay Near San Bernardino
						O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	
Alkalinity	mg/l as CaCO <sub>3</sub>	42	88	68	93	73	73	73	79	69
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.1	<0.1	0.2	<0.1	<0.1	0.1	0.1	<0.1
Bromide	mg/l	<0.01	0.03	0.31	0.28	0.28	0.27	0.26	0.22	0.28
Calcium	mg/l	9	14	15	28	17	17	21	24	21
Carbon - Dissolved Organic	mg/l as C	NR	3.2	2.1	2.8	2.4	2.2	1.8	1.6	1.9
Carbon - Total Organic	mg/l as C	NR	3.4	2.2	2.8	2.4	2.4	1.9	1.6	2.2
Chloride	mg/l	1	18	105	96	96	93	87	75	97
Chromium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.001	<0.001
Copper	mg/l	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
Fluoride	mg/l	<0.1	NR	NR	<0.1	<0.1	<0.1	<0.1	NR	NR
Hardness	mg/l as CaCO <sub>3</sub>	39	80	91	136	96	51	98	97	98
Iron	mg/l	0.005	0.017	0.007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	4	11	13	16	13	13	11	9	11
Manganese	mg/l	<0.005	0.022	0.006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l as N	<0.01	0.23	0.34	NR	0.43	0.31	0.66	0.95	0.53
Phosphorus-Ortho	mg/l as P	<0.01	0.10	0.05	NR	0.06	0.05	NR	0.03	0.05
Phosphorus-Total	mg/l	<0.01	0.21	0.07	NR	0.07	0.07	0.05	0.05	0.12
Selenium	mg/l	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Sodium	mg/l	4	19	63	73	63	60	62	56	69
Specific Conductance	µS/cm	91	268	524	623	521	505	493	482	530
Sulfate	mg/l	2	17	24	55	27	26	32	33	31
Total Dissolved Solids	mg/l	58	157	297	346	288	278	274	272	292
Turbidity	NTU	2	104	5	7	3	3	2	3	16
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

**Table 33. Water Quality At Selected Delta Stations**

**October 2007**

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Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Electrical Conductivity in millisiemens/cm								Cl in mg/l		
			Net Delta Outflow Index		Rio Vista	Antioch	Chippis Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md
1	6.17	4.13	2,926	2,926	6,488	3.92	10.51	1.12	0.75	1.33	1.13	0.48	0.59	0.48	220
2	6.10	4.03	3,632	3,279	6,423	3.77	10.39	1.22	0.80	1.34	1.15	0.48	0.55	0.48	200
3	6.18	4.22	3,590	3,383	6,276	4.14	11.92	1.50	0.87	1.45	1.16	0.49	0.51	0.49	200
4	6.04	4.29	3,644	3,448	6,056	4.41	12.18	1.47	0.93	1.50	1.19	0.50	0.46	0.49	210
5	5.44	3.97	3,767	3,512	6,126	3.99	10.71	1.18	0.97	1.39	1.21	0.49	0.48	0.51	220
6	5.44	3.65	4,756	3,719	6,580	3.13	8.93	0.73	0.98	1.16	1.22	0.47	0.48	0.50	216
7	5.21	3.55	4,341	3,808	6,224	3.04	8.76	0.80	0.99	1.15	1.23	0.40	0.49	0.49	216
8	5.21	3.63	4,206	3,858	6,009	3.20	9.52	0.88	1.02	1.19	1.24	0.40	0.50	0.49	210
9	5.49	3.91	4,054	3,880	5,929	3.71	10.89	1.16	1.06	1.28	1.26	0.40	0.54	0.48	200
10	5.39	3.85	3,354	3,827	5,432	4.12	9.98	1.10	1.10	1.27	1.28	0.52	0.69	0.50	180
11	5.48	3.71	5,179	3,950	6,418	3.45	9.02	0.91	1.11	1.22	1.29	0.52	0.68	0.52	180
12	5.75	3.88	5,297	4,062	6,448	3.78	9.27	1.00	1.09	1.30	1.29	0.51	0.62	0.50	180
13	5.76	3.86	6,496	4,249	6,344	3.88	9.78	1.20	1.11	1.29	1.30	0.51	0.59	0.52	181
14	5.78	3.96	6,537	4,413	6,226	3.99	9.79	1.25	1.11	1.34	1.30	0.51	0.58	0.51	182
15	5.97	4.09	6,336	4,541	6,108	4.45	11.00	1.58	1.14	1.48	1.31	0.51	0.58	0.51	210
16	6.06	4.24	4,685	4,550	5,202	4.90	11.61	1.74	1.18	1.59	1.33	0.50	0.57	0.51	200
17	5.72	4.14	4,842	4,567	5,239	4.63	12.35	1.55	1.18	1.50	1.33	0.48	0.57	0.53	220
18	5.29	3.89	2,782	4,468	4,941	3.89	10.91	1.19	1.16	1.37	1.32	0.51	0.58	0.50	210
19	5.34	3.83	3,181	4,400	5,113	3.93	11.16	1.39	1.18	1.31	1.32	0.50	0.59	0.49	230
20	4.59	3.49	3,323	4,346	4,756	3.67	10.04	0.85	1.19	1.19	1.32	0.48	0.63	0.47	235
21	4.48	3.04	3,610	4,311	4,941	2.73	8.23	0.62	1.17	1.01	1.31	0.49	0.60	0.49	230
22	4.48	2.92	3,066	4,255	4,672	2.77	8.17	0.77	1.17	1.02	1.30	0.49	0.68	0.47	210
23	4.74	3.06	3,905	4,240	4,901	3.04	8.86	0.87	1.14	1.07	1.28	0.48	0.70	0.46	210
24	5.21	3.31	3,813	4,222	4,917	3.49	9.92	1.13	1.15	1.13	1.27	0.49	0.69	0.46	210
25	5.76	3.61	3,428	4,190	4,607	4.10	10.80	1.60	1.20	1.27	1.28	0.50	0.74	0.46	210
26	6.21	3.91	3,221	4,153	4,372	4.81	12.33	2.08	1.27	1.48	1.29	0.50	0.73	0.46	210
27	6.22	3.93	3,711	4,136	4,223	4.88	12.50	2.25	1.35	1.48	1.30	0.50	0.77	0.48	208
28	6.23	3.83	3,924	4,129	4,203	4.74	11.54	2.02	1.40	1.43	1.31	0.50	0.74	0.49	206
29	6.36	3.99	3,734	4,115	4,336	5.05	12.75	2.48	1.47	1.58	1.32	0.49	0.72	0.49	210
30	6.07	4.09	3,093	4,081	3,910	4.99	12.78	2.44	1.52	1.50	1.31	0.48	0.77	0.48	210
31	5.55	3.83	3,465	4,061	4,506	4.27	11.15	1.83	1.54	1.34	1.30	0.48	0.78	0.49	210

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

**Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP**

October 2007

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant		None Detected	
California Aqueduct At Banks Pumping Plant	September 19, 2007	2,4-D	0.30
O'Niell Forebay Outlet Check 13	September 19, 2007	2,4-D	0.40
Delta Mendota Canal At McCabe Road	September 19, 2007	2,4-D	0.60
California Aqueduct Near Kettleman City (Check 21)	September 18, 2007	2,4-D	0.30
California Aqueduct At Near Highway 119 (Check 29)	September 19, 2007 September 19, 2007	Dacthal (DCPA) 2,4-D	0.12 0.40
California Aqueduct at Tehachapi Afterbay (Check 41)	September 19, 2007	2,4-D	0.30
California Aqueduct At Devil Canyon Headworks		None Detected	

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

**Table 35. Oroville and Delta Field Divisions Energy Data**

(in kWh)

**October 2007**

Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	3,563,790	0	28,900	38,180	2,860,280	2,860,280	293,990	400
2	4,089,660	0	20,370	30,230	2,601,450	2,601,450	286,870	400
3	3,673,720	0	24,700	35,880	2,339,020	2,339,020	286,830	410
4	4,046,860	0	30,860	33,070	1,891,380	1,891,380	286,830	600
5	5,846,470	0	37,800	31,270	1,994,990	1,994,990	286,650	680
6	3,859,410	0	38,390	32,990	1,669,050	1,669,050	286,380	680
7	3,966,950	0	28,630	34,490	1,876,070	1,876,070	287,040	610
8	5,101,620	0	24,750	35,160	1,877,660	1,877,660	287,150	480
9	3,609,060	0	21,870	31,370	1,648,220	1,648,220	287,030	510
10	5,201,420	0	20,860	29,870	1,670,860	1,670,860	264,850	590
11	3,939,830	0	21,370	29,470	1,665,510	1,665,510	286,980	720
12	3,020,760	0	16,740	25,180	2,049,130	2,049,130	220,110	710
13	3,640,440	0	15,470	25,140	1,437,870	1,437,870	216,860	750
14	2,959,090	0	23,160	29,640	2,463,930	2,463,930	216,790	670
15	5,632,840	0	30,660	29,350	2,406,060	2,406,060	244,330	750
16	5,840,230	0	23,580	20,810	1,962,340	1,962,340	297,840	670
17	3,922,110	0	22,680	20,800	1,638,020	1,638,020	290,280	790
18	3,519,520	0	23,390	19,750	1,884,260	1,884,260	295,710	700
19	4,716,230	0	25,800	21,170	1,909,500	1,909,500	285,330	650
20	2,792,490	0	26,930	23,370	1,716,260	1,716,260	288,900	680
21	2,404,900	60	19,720	16,330	1,822,760	1,822,760	320,480	810
22	4,280,770	3,050	28,110	30,020	1,826,390	1,826,390	347,870	630
23	3,345,030	3,690	31,460	34,840	1,689,240	1,689,240	341,920	570
24	2,570,610	4,600	36,810	37,240	1,423,320	1,423,320	359,600	490
25	3,896,290	3,690	39,610	42,390	1,430,180	1,430,180	329,550	510
26	5,146,380	3,280	42,700	41,470	1,409,010	1,409,010	378,730	730
27	1,815,110	3,740	41,750	39,370	1,402,260	1,402,260	395,460	750
28	1,344,380	3,690	38,160	36,620	1,309,760	1,044,760	397,060	670
29	3,363,280	3,690	44,640	40,080	1,474,820	997,820	393,150	640
30	4,338,260	3,740	45,290	40,320	1,091,140	614,140	407,920	720
31	5,213,050	3,220	40,640	41,080	1,634,770	1,157,770	344,800	730
Total	120,660,560	36,450	915,800	976,950	56,075,510	54,379,510	9,513,290	19,700

**Table 36. San Luis Field Division Energy Data**

(in kWh)

**October 2007**

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	706,370	706,370	0	0	1,436,360	884,360
2	672,790	672,790	0	0	1,094,170	174,170
3	799,840	799,840	0	0	1,878,730	1,262,730
4	718,160	718,160	0	0	1,438,250	382,250
5	712,680	712,680	0	0	1,134,620	342,620
6	718,690	718,690	0	0	1,109,550	317,550
7	686,570	686,570	0	0	2,205,040	621,040
8	681,790	625,790	0	0	819,380	-12,620
9	724,610	724,610	0	0	821,340	-10,660
10	718,800	718,800	0	0	1,101,440	269,440
11	686,330	686,330	0	0	1,472,340	-45,660
12	623,840	623,840	0	0	1,195,150	-28,850
13	622,930	622,930	0	0	1,384,020	258,020
14	674,560	674,560	0	0	1,969,000	257,000
15	569,550	569,550	0	0	1,691,530	859,530
16	519,110	519,110	0	0	2,006,570	1,302,570
17	407,040	407,040	0	0	2,351,840	293,840
18	584,500	584,500	0	0	1,489,440	449,440
19	563,280	563,280	0	0	1,799,080	453,080
20	402,410	402,410	0	0	2,995,780	1,006,780
21	517,070	517,070	0	0	2,892,320	4,320
22	420,930	420,930	0	0	1,123,230	291,230
23	393,580	393,580	0	0	2,009,010	767,010
24	385,610	385,610	0	0	1,953,770	270,770
25	453,100	453,100	0	0	1,998,830	413,830
26	523,370	451,370	0	0	1,891,400	539,400
27	515,170	443,170	0	0	1,424,900	150,900
28	948,730	876,730	0	0	1,721,430	9,430
29	490,080	418,080	0	0	1,038,660	-1,340
30	456,250	384,250	0	0	1,836,110	20,110
31	533,000	461,000	0	0	1,212,270	68,270
Total	18,430,740	17,942,740	0	0	50,495,560	11,570,560

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

**Table 37. San Joaquin Field Division Pumping Plant Energy Load Data**

**October 2007**

(in kWh)

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	21,710	55,360	73,390	68,370	73,310	1,218,590	1,365,790	3,024,300	10,988,140
2	22,240	58,080	68,590	65,880	69,300	1,295,070	1,396,750	3,062,630	11,145,220
3	24,470	63,980	70,900	64,870	69,740	1,162,850	1,274,700	2,740,420	10,271,930
4	20,930	55,570	65,240	61,460	65,380	1,159,470	1,246,480	2,717,700	9,816,230
5	22,860	59,900	57,170	53,530	56,960	1,147,500	1,186,700	2,552,960	9,011,110
6	26,930	73,080	79,480	75,480	79,320	1,098,460	1,211,690	2,683,020	9,827,240
7	26,180	67,550	66,750	61,640	66,880	1,060,010	1,273,190	2,816,770	10,295,100
8	18,900	49,310	74,050	69,440	74,590	1,057,590	1,230,560	2,719,990	10,019,160
9	11,060	27,920	68,030	63,870	67,380	1,027,660	1,129,590	2,493,080	8,903,170
10	16,260	40,580	56,240	53,330	57,750	1,157,410	1,223,900	2,678,370	9,975,420
11	21,120	56,310	54,210	50,620	53,680	1,049,660	1,151,480	2,516,930	9,051,130
12	20,550	55,120	60,000	55,990	59,110	995,960	1,086,440	2,365,100	8,668,510
13	22,550	60,790	50,510	46,760	50,830	810,330	935,010	2,048,230	7,536,460
14	15,170	40,950	65,120	62,440	65,650	1,169,880	1,407,830	3,163,180	11,486,230
15	10,260	26,650	46,690	44,120	47,440	1,032,990	1,223,560	2,693,440	9,892,260
16	14,730	36,970	51,840	48,990	51,520	977,350	1,107,210	2,417,840	8,742,140
17	14,150	37,810	39,850	37,350	39,710	953,540	1,075,510	2,311,270	8,301,120
18	12,790	31,470	41,560	39,740	42,170	946,330	1,003,010	2,175,460	7,871,450
19	12,150	32,120	42,140	40,430	42,050	780,780	938,350	2,021,220	7,278,280
20	14,450	37,390	61,120	57,890	60,370	779,170	858,840	1,902,590	7,076,860
21	14,580	37,760	55,530	52,400	56,850	1,186,830	1,461,640	3,247,570	12,028,390
22	9,850	25,190	40,290	37,150	40,420	770,580	881,950	1,938,080	6,975,690
23	10,730	27,550	58,690	56,140	57,840	746,900	889,440	1,933,920	6,925,120
24	12,440	32,280	48,420	46,020	49,360	803,360	901,300	1,944,280	7,175,060
25	12,930	33,170	60,210	57,150	59,300	884,380	990,380	2,154,450	7,820,060
26	14,810	39,040	57,240	54,090	56,560	975,410	1,083,650	2,366,570	8,472,490
27	17,580	46,390	54,960	52,230	54,430	1,005,660	1,098,530	2,436,180	8,907,440
28	9,440	24,890	38,680	35,270	39,280	1,611,110	1,850,420	4,146,400	15,466,380
29	8,310	20,270	42,200	42,870	47,020	976,820	1,179,570	2,606,070	9,222,880
30	10,840	26,720	56,180	49,710	53,680	1,017,890	1,126,130	2,483,800	9,171,870
31	9,040	23,290	33,620	31,280	32,810	1,031,050	1,161,220	2,548,780	9,185,810
Total	500,010	1,303,460	1,738,900	1,636,510	1,740,690	31,890,590	35,950,820	78,910,600	287,508,350

**Table 38. Southern Field Division Energy Data**

(in kWh)

**October 2007**

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic Powerplant SWP Generation /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green Spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	680,822	1,093,900	1,560,000	224,496	1,360,100	2,914,241	113,321	22,579	17,472	525
2	690,713	946,730	1,560,000	192,227	1,338,564	2,729,262	145,748	23,443	18,424	478
3	510,515	945,250	1,560,000	226,038	1,520,877	2,930,152	177,640	23,198	17,819	657
4	360,812	944,650	1,560,000	279,124	1,770,459	2,895,669	209,237	8,260	585	488
5	362,891	945,290	1,560,000	255,301	1,725,862	3,095,125	175,079	22,618	18,732	403
6	444,574	943,540	1,560,000	274,743	1,659,621	2,690,002	159,593	24,170	19,704	385
7	396,941	944,320	1,560,000	288,054	1,810,319	3,124,802	209,207	21,361	18,901	385
8	453,594	944,620	1,560,000	293,424	1,705,813	3,051,780	185,720	21,342	16,252	441
9	303,535	718,760	1,560,000	272,043	1,776,451	3,071,430	188,153	23,453	17,422	422
10	376,386	968,380	1,560,000	312,352	1,694,377	2,720,204	185,908	22,059	17,283	403
11	386,911	969,480	1,560,000	260,631	1,468,824	2,777,097	145,085	23,276	18,325	422
12	388,248	970,200	1,560,000	245,303	1,405,523	2,996,727	164,023	21,626	16,837	394
13	286,356	969,230	1,560,000	113,736	1,391,914	2,770,105	158,495	22,805	17,660	385
14	681,653	971,540	1,560,000	276,325	2,169,591	2,647,933	243,097	23,384	18,117	394
15	301,188	970,820	1,488,000	265,467	1,745,244	2,527,146	178,066	20,644	17,978	413
16	336,366	969,520	1,488,000	187,678	1,418,634	2,403,036	178,461	19,760	17,274	385
17	388,663	968,540	1,488,000	35,740	1,203,320	2,201,068	138,578	16,470	13,364	385
18	389,970	969,430	1,488,000	202,611	1,462,213	2,251,305	155,400	15,380	13,285	394
19	367,653	960,400	1,488,000	201,691	1,074,965	2,194,413	121,361	19,721	18,573	441
20	371,168	950,130	1,488,000	177,700	988,106	2,227,482	133,347	19,024	18,038	431
21	712,693	948,590	1,488,000	256,003	1,317,916	2,350,376	140,655	11,245	7,531	394
22	434,416	949,340	1,488,000	198,418	994,088	2,016,644	99,585	19,407	18,305	403
23	321,099	949,500	1,488,000	192,603	1,099,073	2,328,886	146,677	19,328	18,424	431
24	462,416	950,540	1,488,000	136,205	691,775	2,703,046	74,911	19,387	18,246	469
25	417,495	950,250	1,488,000	201,404	1,190,339	2,658,801	138,331	19,240	18,176	497
26	376,525	950,490	1,488,000	208,248	1,463,210	2,936,205	150,742	21,646	16,301	422
27	384,743	950,900	1,488,000	246,727	1,491,147	2,926,216	161,679	22,343	16,877	394
28	698,752	950,690	1,488,000	316,535	2,678,983	2,922,458	295,570	21,165	12,501	431
29	471,782	950,790	1,488,000	197,102	1,445,414	2,850,168	194,146	46,818	41,651	469
30	301,594	950,000	1,488,000	246,371	1,835,075	2,990,793	221,845	46,199	45,510	394
31	321,683	949,900	1,488,000	268,780	1,654,766	2,770,253	185,680	44,618	44,995	385
Total	13,382,158	29,515,720	47,136,000	7,053,076	46,552,562	83,672,824	5,175,336	705,971	590,565	13,318

/1 Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations